



ONTARIO 1973

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New York Control of the Control of t

Ministry of the Environment Hon William G. Newman, Minister

Everett Biggs, Deputy Minister Copyright Provisions and Restrictions on Copying:

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CAZON EV 665 A 35

# AIR QUALITY MONITORING REPORT ONTARIO 1973

VOL.4



Ministry of the Environment Deputy Minister

Hon.William G.Newman, Minister

Everett Biggs.

# **CONTENTS**

# TOTAL OXIDANTS

Region	Station Number	Location	No. of Months	Page
1	12008	471 University Ave.	12	. 1
	14049	Windsor 156 Victoria St.	11	. 8
	15001	Sarnia King-Rectory London	12	. 15
2	29025	Barton-Wentworth Hamilton	12	. 22
5	51001	MacDonald Gardens Ottawa	12	. 29
	56051	Memorial Park Cornwall	12	. 36
CARBO	N MONOX	IDE		
1	12008	471 University Ave. Windsor	12	43
2	29025	Barton-Wentworth Hamilton	11	50
3	31001	67 College St., 5th Floor Toronto	12	57
	33002	Pharmacy-401	12	64
	34007	Scarborough Bathurst-Wilson North York	12	71
	35003	Elmcrest Road	5	78
	35033	Etobicoke Evans-Arnold Etobicoke	6	82
TOTAL	HYDROCA	ARBONS		
1	12008	471 University Ave.	12	86
	14049	Windsor Victoria St.	12	93
	15001	Sarnia King-Rectory	12	100
	16001	London Horticultural Station Simcoe	12	107
2	29025	Barton-Wentworth, Hamilton	12	114

Region	Station Number	Location	No. of Months	Page
3	31001	67 College St., 5th Floor	12	121
	31081	Toronto 67 College St., 1st Floor	12	128
	33002	Toronto Pharmacy-Hwy. 401	12	135
	33003	Scarborough Lawrence-Kennedy	12	142
	34002	Scarborough Science Centre	12	149
	34007	North York Bathurst-Wilson	12	156
	35003	North York Elmcrest Road	12	163
	35033	Etobicoke Evans-Arnold, Etobicoke	12	170
5	51001	MacDonald Gardens Ottawa	12	177
	56051	Memorial Park Cornwall	11	184
7	77016	Ash St. Water Tank Sudbury	11	,191
NITRO	GEN DIOX	IDE		
(a)	Saltzmanr	1		
1	12008	471 University Ave. Windsor	12	198
	14049	156 Victoria St. Sarnia	12	,205
	15001	King-Rectory London	12	212
	16001	Horticultural Stn. Simcoe	6	219
2	22032	½ mi. W Hwy. 6-Hwy. 2	5	223
	29025	Jarvis Barton-Wentworth Hamilton	12	227
3	33002	Pharmacy-401 Scarborough	12	234
	33003	Lawrence-Kennedy Scarborough	4	241
	34002	Science Centre North York	4	244
	34007	Bathurst-Wilson North York	12	247
	35003	Elmcrest Road Etobicoke	11	254
5	56051	Memorial Park Cornwall	7	261
7	77016	Ash Street Sudbury	4	266

Region	Station Number	Location	No. of Months	Page
NITRO	GEN DIOX	IDE		
(b)	Coulometi	ric		
1	16001	Horticultural Station Simcoe	7	269
2	22031	E. 6. O	8	274
	22032	Nanticoke G.S. ½ mi. W. Hwy. 6-Hwy. 2, Jarvis	8	279
3	31001	67 College St. 5th Floor Toronto	4	.284
(c)	Chemilum	inescence		
3	31001	67 College St., 5th Floor	11	.287
	33003	Toronto Lawrence-Kennedy Scarborough	8	.294
OZONE				
1	16001	Horticultural Station Simcoe	10	.299
3	31001	67 College St., 5th Floor Toronto	7	.304

POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 2 2 1 2 1 1 1 1 1 1 1 1 3 2 1 3 2 1 2 1 0 0 o Ó ó 0 0 0 0 0 0 0 0 0 0 0 0 12 13 14 15 16 17 18 19 20 1 1 2 2 ° 1 1 1 1 1 2 1 2 2 1 1 2 2 1 1 1 2 1 1 1 2 2 1 1 22 23 24 25 26 27 28 29 30 2 1 1 2 1 1 1 2 2 1 0 2 1 1 1 0 1 1 Ö 1 5000 

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HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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MEAN	2	2	2	2	2	1	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 70

						ONTAR	IO MI	NISTR	<i>/</i> 0	F TH	E E	NVIRO	MENT	- AI	R MA	NAGEM	ENT I	BRANCI	н						
	POLLU	TANT	- TC	TAL O	(IDAN	TS							UNI	TS -	PART	S PER	HUNDI	REDMI	LLION						
	STATI	ON -	471	UNIVER	SITY	WINDS	OR OAM	ST	NO	12008	ř.		MON	ITH J	UN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	<b>MEAN</b>
1 2 3 4 5 6 7 8 9	3 2 3 1 1 2 2 1 2 2 2	3231211221	2 2 3 1 2 1 1 1 2 1	2 2 3 1 2 1 1 1 1 1 1 1 1	223121121	2 1 2 1 1 1 1 2 2	2 0 0 1 0 0 1 0 0 1 1 0 0 1 1 1 1 1 1 2 0 0 1 2 0 0 1	2 * 0 *	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	32221	33000000333	3322222435	3322325537	3 4 3 2 3 2 3 2 6 3 7	443223 635	5 4 3 2 2 2 6 3 4	4 6 3 4 2 3 2 5 3 4	4632232534	4 4 3 2 2 3 1 5 4 3	3 2 2 3 3 1 4 4 3	2322331323	3 3 2 2 3 4 1 3 2 2	24 21 33 1 32 2	2 3 1 1 2 2 1 2 2 2 2 2 2	3 2 2 2 2 2 2 3
11 12 13 14 15 16 17 18 19	2 2 2 2 3 1 1 2 2	1 1 2 2 2 2 1 1 2 1	1 1 2 2 2 2 2 1 2 1	2 2 2 3 1 2 1 1 1	1 1 2 2 2 1 1 1 1 2	1 1 3 2 1 1 1 1 1 1	1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2 2 2 3 4 1 1 1 1 2	2223511122	3224611122	3 4 3 5 6 2 1 1 3 2	3 4 3 5 6 3 2 2 3 2	3 4 3 7 6 3 2 2 3 2	3 4 3 8 8 3 2 3 3 3 3	3 4 4 6 6 4 1 3 4 2	3 4 3 9 6 3 2 3 5 2	3 3 3 10 6 3 2 3 4 2	3 10 5 3 2 3 2 3	2237421232	2264421332	2 1 4 4 2 1 2 2 2 2	2123311223	2 1 2 2 3 1 1 3 2 5	2235421222
21 22 23 24 25 26 27 28 29 30	3211133212	2 2 1 1 2 3 2 1 2	2 1 1 1 1 2 2 2 1 2	2 2 1 2 2 1 2 1 2 1	2 2 1 1 2 1 1 1 1 1 1 1 1	2211123121	2 0 0 0 1 1 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2	2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2322233212	2 1 3	3 3 2 3 6 1 2 2 3	3 4 2 4 3 7 1 3 2 5	3 3 2 4 8 1 2 2 5	3 3 4 5 3 4	3 3 3 4 6 3 4 3 1 4	4423623223	2 1 3	23224422	22113333212	2 2 1 1 3 3 3 1 1 2	2 1 1 3 3 2 1 2 2	2 1 2 1 3 3 2 1 2 2	2222333212
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POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 2 1 2 2 • • • • 9 3 3 3 3 4 3 2 2 1 1 2 1 2 12 13 14 15 16 17 18 19 20 3 2 4 4 4 1 1 3 2 2 3 2 4 1 1 7 2 5 . . 1 3 4 2 22 23 24 25 26 27 28 29 30 2 1 2 2 1 2 3 1 2 4 3 2 3 2 . . . . 1 2 2 2 1 2 2 1 2 1 1 0 2 1 1 0 1 1 1 . . . . .... MEAN 

PERCENTAGE OF DATA VALID -

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11 12 13 14 15 16 17 18 19	2 1 1 1 1 1 1 1 5 1	3 1 1 1 1 1 1 1 1 4 1	3 1 1 1 1 0 1 1 1 4 1 1	3 1 1 1 0 1 1 5 1	2 1 1 1 1 1 1 5	2 1 1 1 1 1 1 6 1	1 2 1 1 1 1 5	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 1 2 2 0 0 0 0 0 0 0	2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 1 1 1 1 1 1 1 1 1 1	3 3 1 1 1 1 1 1 1 2	4 3 1 2 1 1 1 1 2	5 4 1 2 1 1 1 1 2 1	54 1 2 1 1 1 1 2 1	5 3 1 2  1 1 1 1 2	4 2 1 2 ***** 1 1 1 2 1	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 1 1 1 1 1 1 1 0	311111110	3 1 1 1 1 2 1 1 1 1 1 1	3 1 1 1 1 1 1 1 1 2 1	2 1 1 1 1 2 1 1	1 1 0 1 1 1 3 1 1	3 2 1 1 1 1 1 1 3 1
21 22 23 24 25 26 27 28 29 30	2 1 2 3 3 1 2 1 1 1 1	2 1 3 2 3 1 3 1 1 1 1	1 1 4 2 2 1 3 1 2 1	1 1 3 2 3 1 3 2 1 1	1 1 3 1 2 1 2 2 1 1	1 3 2 2 1 2 1 1	4 4 1 2 3 1		1 6 7 3 2 1 2 1	1 4 6 2 2 1 2 1 1	1 3 5 2 3 1 1 1 1	1 2 3 3 2 2 1 1	1 2 4 4 2 2 1	1 2 4 4 2 2 2 1 1	1 2  5 2 2 1 1	1 2 4 7 4 2 2 1 1	1 2 4 6 3 2 2 1 2	123522212	1 2 3 4 1 2 2 1 1 1	1 2 4 4 1 2 2 1	1 2 2 4 1 3 2 1	1 3 2 3 1 2 2 1 1	1 3 2 2 1 2 1 1 1	1 2 2 2 1 2 1 1 1	1 2 4 3 2 2 2 1 1
31												140	DATA	MISSI	NG -										
MEAN	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	1	2

PERCENTAGE OF DATA VALID -

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID

89

POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	1	3	6
FEB	28	1	2	3
MAR	31	2	3	5
APR	30	2	4	7
MAY	26	2	4	6
JUN	30	2	5	10
JUL	31	3	5	12
AUG	31	3	5	8
SEP	30	2	5	9
ост	30	2	4	9
NOV	30	,	3	,
DEC	31	,	3	7
YEAR	359	2	2	2
: =::::::::::::::::::::::::::::::::::::	553	2	5	12

		ONTARI	O MINISTRY	OF THE	ENVIRONMENT	- AIR MANA	GEMENT BRANCH
MONTHLY GRO	OUP FREQUE	NCY CLASSIF	ICATION FOR	73			
POLLUTANT -	TOTAL O	CIDANTS			UNIT	- PARTS PER	HUNDREDMILLION
STATION - 4	71 UNIVER	RSITY WINDSO	R OAMST	NO 12008			
.0	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 &OVER	TOTAL
JAN	456	203	8	0	0	0	667
FEB	465	153	0	0	0	0	618
MAR	194	500	17	0	0	0	711
APR	286	350	42	1	0	0	679
MAY	169	297	57	0	0	0	523
JUN	163	417	84	10	0	0	674
JUL	211	296	148	38	2	0	695
AUG	105	354	188	27	0	0	674
SEP	251	285	91	9	0	0	636
OCT	387	217	51	2	0	0	657
NOV	501	123	11	2	0	0	637
DEC	565	131	0	0	0	0	696
YEAR	3753	3326	697	89	2	0	7867

CONCENTRATIONS
FREQUENCY DISTRIBUTION: PERCENT
50 70 90 95 98 99 MAX
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POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION STATION - VICTORIA ST SARNIA OAMST NO 14049 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN DATA MISSING 12 13 14 15 16 17 18 19 20 DATA MISSING 4 4 1 2 3 4 2 3 3 22 23 24 25 26 27 28 29 30 4 1 2 1 1 \*\*\*\* MEAN 

PERCENTAGE OF DATA VALID - 57

						ONTAF	OIF	MINISTE	RY (	OF T	HE I	ENVIRO	NMENT	- AIF	R MA	NAGEM	ENT	BRANCE	н						
	POLLU	TANT	- TO1	TAL OX	DANT	S							UNI	TS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	VICTO	DRIA ST	SAF	INIA C	AMST		NO	1404	9		MON	ITH A	PR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
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11 12 13 14 15 16 17 18 19	4 2 2 2 1 1 3 3 2 3	4 2 2 1 1 1 3 3 2 3	32311133222	3 1 3 1 1 2 2 2 2	3 1 2 1 0 1 2 2 2 2 2	3 1 2 1 0 1 2 2 2 2	3 2 2 1 1 1 2 2 2 2	3 * * 2 * * * 1 * * * * * * * * * * * * *	0 0 0 0 0 0 0 0	3 2 1 3 3 3 2 2	3 2 1	4 5 4 3 1 3 3 3 3 3 3 3	4 5 4 3 1 2 3 3 4 4	4533123454	4 4 3 1 2 3 5 5 4	4 4 3 4 1 2 3 4 5 4	4 4 3 4 0 3 3 3 5 4	4 4 3 2 0 3 3 3 5 4	4432033354	34230322444	3 3 1 2 0 3 3 2 4 3	3 3 1 2 1 3 3 3 5 3	3 1 1 1 3 2 2 4 4	2 2 1 1 1 3 2 2 4 4	3322123343
21 22 23 24 25 26 27 28 29	4 2 3 3 2 4 4 4 1 2	3332344412	2232244422	2 2 3 2 2 4 4 4 1 2	1222244412	1 2 2 2 4 4 4 2 2	1221244321	1 00 2 00 2 00 1 00 3 00 4 00 4 00 3 00		2 3 3 4 4 4 3 3 3	2233343333	3 2 4 3 4 4 4 3 3 5	4 3 4 3 4 4 4 3 4 6	3 3 3 4 4 4 3 4 6	2333444357	2 3 3 4 4 3 3 4 6	2 4 3 3 4 4 4 3 4 6	2433544336	23325443336	2 3 4 1 5 4 4 3 2 5	23324442225	2 3 3 2 4 4 4 2 1 5	2 4 3 2 4 5 2 1 3	2322344223	2332344324
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - TOTAL OXIDANTS STATION - VICTORIA ST SARNIA DAMST MONTH MAY NO 14049 24 MEAN 3 5 3 4 5 4 3 4 0.6 3 1 4 4 5 5 6 1 1 7 1.0 6 6 8 7 DATA MISSING 5 5 5 5 3 4 DATA MISSING Δ 

PERCENTAGE OF DATA VALID -

MEAN

					C	NTAF	RIO	MINIS	TRY	OF TH	IE EI	NVIRON	MENT	- AI	R MA	NAGEM	ENT	BRANC	Н						
	POLLU	ITANT	- TOT	AL OXI	DANTS	5							UN1	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	VICTO	RIA ST	SARN	NIA C	AMST		NO	14049	9		MON	L HTM	UN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	1.2	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	31212222121	3 1 3 1 3 2 2 4 1	4232322252	4222322252	3012000000	-	3 1 2 2 3 3 5 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 1 3	5 2 2 3 2 3 4 4	4 2 2 4 3 3 4 6 4 5	5324435749	6225525840 10	5225525851	4 2 2 5 6 2 5 7 5 1 2	5335425544 14	43355246411	4 3 3 5 5 5 2 3 7 4 7	3334423637	3233423526	3222223424	3000303004	2221412214	2 2 1 2 3 1 1 2 1 3	4 2 2 3 3 2 3 4 4 4 5
11 12 13 14 15 16 17 18 19 20	225431262	305335 N050	3 2 5 2 4 2 2 5 2	32523 2252	33412 2252	33423 2242	42334.2233	Service of the servic	4 3 3 3 3 2 4	4 4 3 3 3 2 5 2	5 4 3 3 4 2 4 7 3	5434-52684	5 4 3 3 5 3 8 8 4	5 4 3 3 5 3 4 9 5	6 4 3 4 3 3 9 6	6534 8 334 95	6645 23596	7 65 55 2 3 4 7 4	6555° 23465	5 4 4 2 3 5 6 4	4 4 2 2 2 2 5 5 3	55333 12453	5543* 22442	4542 22522	4 4 4 3 3 2 4 6 3
21 223 24 25 267 289 30	2 3 2 2 1 1 3 3 3 3 1 1 1 1 2 1 1 1	2 2 2 2 2 2 4 4 3	222124444	2 2 2 1 2 3 4 4	NANNNNNN 1	23-22233	23122233	8	2323212211	23232 3 12	3 3 2 4 2 3 1 2	4 3 3 4 2 6 3	4 3 3 4 3 6 3	5324394	4 3 2 4 3 8 8 3	4 32 33 6 3 1 5	5 4 3 3 3 3 3 6	543333344	54333345	44 33 33 44 44 12	34223334	334444	3333233442	22322322	3 3 2 3 2 4 4 3 3 4 4 1 2
MEAN	2	3	3	3	2	2	3	5	2	3	3	4	4	.4	4	4	4	4	4	4	3	3	3	2	3

	POLL	UTAN	т - т	OTAL	OXIDAN	NTS							UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION	- VIC	TORIA	ST SA	RNIA	OAMST		NO	1404	9		MOI	IL HTM	JL	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 2 2 2 2 2 2 7 1	1 22 1 2 1 2 6	1 2 2 **** 1 2 1 3 5	1 2 2 * * * * * 2 1 1 3 4 1	1 2 3 1	1 1 3 • • • • 1 1 2 2 3 0	2 3 1 1 3 3 3	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 6 3 2 2 6 6 3 2	3645336632	3 5 9 7 3 4 6 6 3 3	4 6 6 6 3 4 6 7 3 4	4 5 5 5 3 4 7 7 3 4	4 6 5 4 3 4 1 0 7 4 5	5 6 5 4 4 4 11 7 4 6	5 6 5 3 4 5 10 8 4 7	5 6 5 4 4 5 10 8 4 8	5 6 5 4 4 6 9 8 4 8	5 6 4 3 4 11 7 8 4 6	4 4 6 3 11 6 6 4 4	3 2 5 1 7 4 5 3 4	2 3 1 3 0 3 3 5 3 4	2322123533	2 2 2 0 2 5 2 2	3 4 4 2 4 5 5 4 3
11 12 13 14 15 16 17 18 19	2 1 1 5 1 1 0 2 5 5	1 1 4 1 0 0 2 5 3	2 1 2 3 1 1 0 2 4 2	2 1 3 3 1 1 0 2 4 4	1 1 2 2 2 1 0 2 3 7	1 1 2 2 2 1 0 2 3 7	1 2 1 2 1 0 3 4		2 1 2 1 2 1 2 6 2	2132212934	2232213753	1 2 4 2 2 1 3 6 7 4	2 1 4 2 2 1 4 7 10 3	2 6 2 2 1 4 6 11 2	2 1 6 2 2 2 4 6 10 3	2 1 8 2 2 2 4 6 10 3	2 9 3 2 2 5 10 4	2 3 9 3 2 2 7 1 2 9	2 8 2 2 7 11 7 5	2252225963	2 3 4 2 1 1 3 7 5 2	1 3 3 1 1 1 3 7 5	1 2 4 1 1 0 2 6 4 2	2 1 5 1 1 2 4 4 5	2242213664
21 22 23 24 25 26 27 28 29	5 1 2 5 7 4 1 2 1	4 2 3 5 5 4 2 1 0 1	5 1 3 5 4 2 3 2 0 1	4234322202	4 2 3 4 2 0 2 2 1 2	1 2 2 1 1	1 2 2 2 2 1		3 2 3 5 2 1 2 1	3 4 5 3 1 3 3 1 2	3456523322	3 4 6 7 5 2 3 4 2 2	3 5 7 8 6 3 4 4 3 3	3 5 7 8 9 3 4 3 3	3 6 7 9 7 4 4 2 3	3 6 7 8 5 1 4 2 4	3 6 7 8 6 3 4 2 4	3 6 7 10 7 5 4 1 4	3 6 7 12 5 3 5 1 4 6	3 4 6 11 6 4 4 1 5 5	2 3 5 10 6 2 4 1 5 5	3 2 5 8 5 1 2 1 3 4	2 1 5 7 5 1 2 1 2 4	2 1 5 8 4 1 2 1 2 5	3 5 7 5 2 3 2 2 3
31	6	5	3	2	1	2	2 °	000	2	2	3	4	3	3	2	3	3	3	2	2	2	3	5	5	3
MEAN	3	2	2	2	2	2	2	2	3	3	4	4	4	5	5	5	5	5	5	5	4	3	3	3	3

PERCENTAGE OF DATA VALID - 94

						ONT	ARIO	MINI	STRY	OF 1	THE E	NVIR	ONMEN	T - AI	R MA	ANAGEN	ENT	BRANC	СН						
	POL	LUTAN	т - т	OTAL	OXIDA	NTS							UI	NITS -	PART	TS PER	HUNE	DREDMI	LLION	v					
	STA	TION	- VIC	TORIA	ST S	ARNIA	OAMS	Ť	N	1404	9		M	ONTH A	UG	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	5 2 1 1 2 3 5 2 1	4 1 1 2 1 2 5 1 3	4 2 1 1 1 2 3 1 3	4 2 2 1 2 1 2 1	4 2 2 1 1 2 2 1 1 0	3 3 1 1 2 1 1 1 1	1 1 1 2 2 1 1 1 0	1 2 4 5 2	2 1 2 5 4 2 2 2 2 2 3	3 2 3 4 7 5 4 5 3 2	2 3 4 6 8 7 6 7 3 2	1 2 4 6 9 1 2 7 9 5 4	23 4 53 15 10 9 5 5	3 4 4 6 14 15 10 11 7	4 3 5 6 13 11 8 11 7 3	3 4 6 12 11 9 7 4	3347897534	23 4 7 129 7 6 3 5	4257986324	42 4 5 6 8 6 4 1 3	4 1 3 3 4 7 4 4 1 2	4 1 2 2 5 6 4 3 1 2	4 2 3 3 5 4 2 1 2	3 1 3 3 4 4 1	3234665432
11 12 13 14 15 16 17 18 19	1 1 2 2 3 1 2 0 2 5		0 1 2 1 3 1 4 1 2	1 1 1 1 3 1 3 2 2	0 0 1 1 3 1 3 3 3	0 1 1 2 1 2 3 2 3	1 1 2 2 2 1 1 2 2 2	0 2 2 2 2 3 2	210000000000000000000000000000000000000	3 3 6 5 4 2 0 3 4	5354551352	7 3 4 3 5 8 2 4 6 3	6443575563	6454576672	6564466773	6464446783	6454546784	5 4 4 5 5 5 5 6 7 8 3	4 4 4 5 5 5 6 6 6 6 3	3 4 4 4 5 6 4 2	2 2 4 4 4 3 5 3 2	1 2 4 4 3 2 5 5	1 2 2 3 3 3 1 4 5	1 1 2 3 2 3 1 3 6 1	3233443453
21 22 23 24	1 2 1 1	0 1 1	1 2 1 1	1 1 1	0 0 1 2	1 0 1	0 1 1	1 1 0 = 0 0	1 1 2	1 2 1	1 2 1	1 2 1	1 2 2	3 1	0 3 2	1 3 2	1 3 1	1 3 1	1 3 1	1 2 1	1 2 1	2 2 1	1 1	1 1	1 2 1
25 26 27 28 29 30		6 6 0 5			0000		0000		-	0 × 1 0	· · · · · · · · · · · · · · · · · · ·		DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -	19	17		2020	9	6	4	5	5	6200
31	4	3	2	2	1	1	2	3	3	2	3	5	5	6	4	5	5	5	4	4	4	4	4	3	4
MEAN	2	2	2	2	2	1	1	2	2	3	4	5	5	6	6	6	5	5	4	4	3	3	3	2	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - TOTAL OXIDANTS MONTH SEP 73 STATION - VICTORIA ST SARNIA DAMST NO 14049 24 MEAN HOUR DAY 3 3 6 7 3 3 1 4 9 7 10 10 9 5 3 3 3 2 3 6 8 7 11 8 10 6 4 4 3 2 3 2 3 4 5 6 7 8 9 10 10 13 8 4 5 3 2 10 9 4 4 4 3 2 3 4 4 3 2 2 4 5 3 2 3 3 2 2 12 13 14 15 16 17 18 19 20 1 0 1 1 3 1 1 1 3 1 3 1 0 1 5 1 0 0 2 1 0 3 1 2 3 4 2 1 2 1 22 23 24 25 26 27 28 29 30 

PERCENTAGE OF DATA VALID -

MEAN

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						ONTA	ARIO	MINIS	TRY	OF TH	E E	NVIRO	NMENT	- AI	R MA	NAGEN	IENT	BRANC	H						
	POLL	UTANT	- TC	TAL C	XIDAN	ITS							UN	ITS -	PART	S PEF	HUND	REDMI	LLION	ļ.					
		ION -					OAMST	Г	NO	14049	)		MO	NTH O	CT	73									
HOUR	1	2	3	4	5	6	7	8	9	1.0	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8	2 0 1 1 1 1	2 0 1 1 1 1 1 1 1	201111111111111111111111111111111111111	1 0 1 1 1 1 1 1 1	1 0 1 1 0 1 1	1 0 1 1	1 0 1 1 1 2 1	0	1 1 2 1 5	1 1 2 1 3	2 1 2 2 1 3	2 1 3 2 2 3	2 1 2 2 2 2 3 DATA	2 3 2 2 3 MISSI	4	1 2 3 3 2 2 2 4 4 4	1 3 3 1 2 2 2	1 2 3 1 2 2 2 3 4	2	1 2 1 0 2 1	1 1 0 2 2 2	1 1 1 2 2 2 2 2 3	1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	1 1 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
10	1	1	1	2	2	1	1	30 V II	2	3	4	3	4	4	4	5	4	4	3	3	3	3	3	2	3
11 12	2	3	3	3	3	2	1	1911	1 1 9 gr	w 1	2	3	3 DATA	3 MT 9 9 1	4 5 - 5 0 NG -	0 0 0 0	2000	4 0 10 10 10	<b>4</b>	3 4 6 6 9	0 0 0 0	3 ****	0000	a * * *	9009
13 14 15 16 17 18 19	1 2 3 1	1 1 3 2	0 2 3 1	1 1 3 1	0 1 3 1 2	0 1 3 1 1 2	0 1 3 1	1 1 3 1	8 7 8 7 1	1	2 3 2 2	1 3 2 2 3 2	3 1 3 2 2 2 3 2	3 1 3 2 1 3 2	3 3 2 3 3 2	3 2 3 2 2 3 2 3 2	4 2 3 2 	3 2 3 2 4 × 9 0 2 2	2 1 3 2 0 0 2 2 2 2	2 1 3 1 2 2	2 1 3 1 ****	1 1 3 1 ****	1 1 3 1 0 = 0 3 2	1 2 3 1 3 2	1 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
21 223 224 225 226 228 229 30	2 1 2 3 3 1 1 1 1 2	2 1 1 2 2 1 1 1 2	2 1 1 2 2 1 1 1 1 1 2	1 1 2 2 2 1 1 0 1 0 2	1 1 2 2 2 2 1 0 1 1 2	1 2 2 2 2 1 0 1 1 2	1 1 2 3 1 1 1 1 2	1 2 3 2	1 1 0 1	163322112211	27322121	2 4 3 4 2 1 2 1 2	3 3 4 4 3 1 2 1 1 2	3 3 4 6 4 1 2 1 1 2	2 3 4 6 3 1 2 1 1 2	2 3 4 6 3 2 1 1 1	234773111011	2337212021	2236312021	2236212021	2235211011	1 2 3 4 1 1 1 1 1 1 1 1 1	1 22 4 1 1 1 1 1 1 1 1	1 2 3 4 1 1 1 1 2 1	2 2 3 4 2 1 1 1 1 2
31	1	1	7	1	1	-1	1	1			1	1	1	1	3	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	1	1	5	1	1	1	1	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2

	POLL	UTANT	~ T	OTAL (	OXIDA	NTS							U	NITS -	PART	TS PEF	HUND	REDMI	ILLION	Į.					
	STAT	ION -	VIC	TORIA	ST S	ARNIA	OAMS	Т	N	0 140	49		M	ONTH NO	ov.	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 0 1 1 1	1 0 1 1 1	1 1 1 0 1 1	1 1 1 1 1 1	1 1 1 1 1 2	1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1	0000	1 1 2	1 1 2 2 2 2 2	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 3 1 2 2 2 2	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 2 2 1	1 1 1 2 2	1 1 1 3 2	1 1 1 2 1	1 1 1 1 2	1 1 1 2 2	1 1 0 2 1	0 1 1 0 1 1 1	0 1 1 1 1 1 1 1	1 1 1 2
8 9 10	1 1 2	1 1 2	1 2	1 1 2	1 0 2	1 1 2	0	1 1 6	0000	i	2	2	2 2	2	2	1 2 0 0 0 0	2 2	1 2	1	1 1	1	1 2	1 2	1 2	1
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG -										
21 22 23 24 25 26 27 28 29 30	1 1	) · · · · · · · · · · · · · · · · · · ·	。。。。 1 1	* * * * * 1	1 1	1 1	1 1	* * * * * * * * * * * * * * * * * * *	0000	2 0	2 1	1	DATA DATA DATA DATA DATA 2	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG -	1 1 0 0 0 0	1 1	2 2 2	1 2 	1 2	1 1	1 2 ****	1 2	1 2	1
MEAN	1	1	1	1	1	1	1	1	,	4	2	2	2	2	2	1	1	2	1	1	1	1	1	1	1

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - VICTORIA ST SARNIA OAMST NO 14049

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - TOTAL OXIDANTS DAYS OF VALID DATA AVERAGE CONC. 24-HOUR MAXIMUM MAXIMUM READING MONTH JAN FEB MAR APR MAY 3.0 JUN JUL AUG SEP OCT NOV DATA MISSING DEC YEAR

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MANAG	SEMENT BRANCH		
MONTHLY GF	ROUP FREQUE	ENCY CLASSIF	CATION FOR	73					
POLLUTANT	TOTAL O	XIDANTS			UNIT	- PARTS PER	HUNDREDMILLIO	N	
STATION -	VICTORIA :	ST SARNIA OAM	MST	NO 14049					
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 &OVER	TOTAL		
JAN	354	319	3	0	0	0	676		
FEB	283	215	5	0	0	0	503		
MAR	7.2	292	62	D	О	0	426		
APR	98	421	156	1	C	0	676		
MAY	1	118	226	34	4	0	383		
JUN	5.8	355	202	21	4	0	640		
JUL	126	292	210	65	8	O	701		
AUG	156	188	174	4 1	11	5	575		
SEP	211	314	115	32	6	2	680		
OCT	273	268	37	3	0	0	581		
NOV	189	70	1	0	0	0	260		
DEC	1,00	DATA MISSIN	G						
YEAR	1821	2852	1191	197	33	7	6101		
LAN	1021	2002							
CDEOLIENCY	DISTRIBUT	ION BY PERCE	NTTLES						
PREGOENCI	PERCENT	ION DI TENOE			CONCENTRA				
	OF DATA	MIN	10	FREQUE 30 50	NCY DISTRIBU	JTION, PERCEN 90 95	T 98 9	99 MAX	ARITH MEAN
	76	0	0 3	1 0 1 7	2 . 6	4 . 4 5 . 6	7.5	9.2 21	2.6

	POLLU	JTANT	- TO	TAL O	XIDANT	S							UN	ITS -	PART:	S PER	HUND	REDMI	LION						
	STAT	ION -	KING	RECT	DRY LO	NDON	FAIR		N	0 150	01		MO	NTH J	AN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	2152221321	2 1 5 2 2 2 2 3 1 1	1 1 5 2 2 2 2 1 1	1 1 4 2 2 1 1 2 1 1	1 1 3 2 1 1 1 1 1 1 1 1 1	1 1 3 2 1 1 1 1 1 2	1 3 2 2 2 1 1 2	24 22 22 1 22 2	1	4 2 2 1 1 1 2 2	3 2 2 1 1 1 1 2 2	2 3 2 1 1 2 2	2 3 2 1 1 1 2 2	2223211122	2223211122	2223211122	2 2 2 3 2 1 1 2 2 2 2 3 2 2 2 3 2 2 2 2	1 2 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	12232222222	1 2 2 2 2 2 2 2 2 3 2 3 2 3	1222222322	1322222222	1 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2	123221222
11 12 13 14 15 16 17 18 19	22333332332	1 2 3 3 3 2 2 3 3 2 2 3 3 2 2	1 2 3 3 3 2 2 3 3 2 2	1 2 3 2 3 2 2 3 3 2 2	1 2 3 2 2 3 3 2 2	1 2 3 3 3 2 2 2 3 3 2 2 3 3 2 2	2233322432	2232323532		23333	2233423452	2333323443	2333323443	23432244433	233322444444	2333225434	2 3 5 3 2 3 6 4 3 3	2 4 5 3 2 3 7 4 3 3	2 5 4 4 3 3 6 4 3 4	2 6 4 3 3 7 4 3 5	2543335435	2 4 4 3 2 4 3 3 4	2433424334	2333425335	2333324433
21 22 23 24 25 26 27 28 29 30	5 4 1 3 20 5 1 1	4 3 1 5 16 4 1	4 3 1 5 11 3 1 0 0	4 3 0 1 6 6 3 1 0 0	3 3 1 1 6 5 3 1 0	3 3 1 0 7 5 3 1 0	-	3 3 8 3 1 1	0 0 0 0 0 0 0 0	12 3 1	4 3 8 2 1	1	3 4 2 1	4 1 2 3 2 1 1	4 2 2 1 3 3 2 1 1	5 2 2 1 3 3 1 1 1	532134211	4 3 2 1 4 4 2 1 1	4 3 1 1 5 4 1 1 0	4 3 1 9 5 1 1 0	4 2 1 1 1 1 5 1 0 1	4 1 1 1 14 6 1 1 0	4 1 1 1 15 5 1 1 0	4 1 1 2 21 5 1 0 0	4 3 1 1 6 7 2 1
31	0	0	0	0	0	0	0	0	0000	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0
MEAN	3	3	2	2	2	2	2	2	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

PERCENTAGE OF DATA VALID - 93

						ONTA	OIR	MINI	STRY	OF	THE	ENVI	RONMEN	Т - А	IR M	ANAGEN	MENT	BRANG	СН						
	POLL	UTAN	т - то	OTAL O	XIDAN	ITS							U	NITS	- PAR	TS PER	R HUND	REDMI	LLION	N					
	STAT	ION	KING	RECT	ORY L	ONDON	FAIF	3	N	0 150	001			ONTH		73									
HOUR	1	2	3	4	5	6	7	8	9	10	1	1		14	15		17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 2 4 2 2 2	1 2 1 1 2 2 1 2	1 2 1 1 2 2 2 1	1 1 1 1	1 1 1 1 1 1	1 1 1 1 1 1 0 1	1 1 1 1 2	1 1 1 1 1 1 1 1 2		1 1 2			2 3 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 2 1 1 1 2 1 1 1 1	3 1 2 1 1 2 1 1	3 2 2 1 1 3 1 1	4 1 2 1 2 3 1 2	4 1 2 1 2 3 1 2	3 2 2 1 2 3 2 2	2 1 3 1 2 4 2 2	2 1 3 1 2 6 2 3 2	3 1 3 1 2 4 2 3 1	3 1 2 1 2 3 2 2 1	2 1 2 1 2 4 1 2	2 2 1 1 2 5 2 1	1 2 1 2 1
11 12 13 14 15 16 17 18 19	1 1 2 2 1 1 2 2 2 2	1 1 2 2 1 1 2 2 1	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 1 2 1 1	1 2 1 2 1 1 1 2 1	1 2 2 1 1 1 1 1 1 2	1 2 2 1 1 1 1 2 2 2	1 2 2 2 1 1 1 2 2 3		1 2 1 2 1 1 1 2 2 2 3	Boscop 6		1 1 1 1 1 1 1 1 2 2 2 1 1 1 1 2 2 2 2 2	1 2 1 2 2 2 2 2 2 2 2	1212212232	1 2 1 1 2 2 3 2	1212212232	1222213232	1 2 2 1 1 3 2 3 2	1 2 2 1 1 3 2 3	1 2 2 2 1 1 3 2 3	1 2 2 2 1 1 2 2 2 1	1222112222	1 2 2 2 1 1 2 2 2 3	1212112222
21 22 23 24 25 26 27 28	2 1 2 1 2 1 1 3	2 1 2 2 4 1 1 3	2 1 2 2 5 1 1 4	2 2 6 1 1 5 2	1 1 2 2 5 1 1 4	2 1 2 1 3 1 2 3	2 1 3 1 2 2 2 3 2	2		3 2 7 1 1 2 1 5	1 1 1 1 2 3		3 3 2 2 3 2 1 1 1 1 1 1 2 2 3 3	2 2 2 1 1 2 2 3 2	2 2 2 1 1 2 2 3 2	2 1 1 2 2 3	2 2 2 1 1 2 3 2	1 2 2 1 1 2 3	1 2 2 2 1 2 2 2 2	2 2 2 2 1 2 2 3	2 3 2 2 1 2 2 3 3	1 3 2 2 1 2 2 3	1 2 2 2 2 2 2 2 3 2	1 3 2 2 2 2 2 3 3 3	22322223

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - TOTAL OXIDANTS MONTH MAR STATION - KING/RECTORY LONDON FAIR NO 15001 24 MEAN 11 12 13 14 15 HOUR DAY 1 2 3 4 5 6 7 8 9 4 5 0 0 0 0 5 4 3 3 DATA MISSING 2 2 3 4 1 3 2 3 5 1 3 3 1 3 2 2 2 3 1 2 3 3 4 12 13 14 15 16 17 18 19 20 0 / 0 0 0 / 0 0 0 0 0 0 0 0 1 2 22 23 24 25 26 27 28 29 30 3 2 2 1 1 \*\*\*\*\* 2 :----

PERCENTAGE OF DATA VALID -

MEAN

						ONTA	RIO	MINIS	TRY	OF T	HE EI	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- TO	TAL OX	(IDAN	rs							UN	IITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	KING	RECTO	BY LO	NOONC	FAIR		NO	1500	1		MC	NTH A	PR	73									
HOUR	-1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8	1 1 1 1 2 2 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1	1 1 1 1 1 2	2 1 1 2 1		1 1 2 1 1 2 2 1 1 2 2	1 1 2 1 2 1 1 1	1 2 1 2 1 1 1	1 1 2 1 1 2 2 1 2 2	1 1 2 1 1 2 2	1 1 2 1 2 1	1 2 1 1 2 1	1 2 1 1 2 1	22121221	1 2 1 1 1 2 1 1 2 1	1 2 1 1 4 1 1 1 2 1	2 2 1 1 4 1 2 1 2	1 2 1 1 4 1 2 1 1	1 2 1 1 3 1 1 1 1 2	1 2 1 2 2 2 1 1 2 2	1 2 1 1 2 2 1 1 1 1 1 1
11 12 13 14 15 16 17 18	1 2 1 2 1 0 0 0 0 0 0 0	1 2 1 3 1 0 0 0	1 2 1 3 1 0 0 0	2 1 0 0 0 0	1 2 1 1 0 0 0 0 0	1 2 1 1 1 0 1 0 0	1 3 1 1 0 1 1 0 0 1 1 0 0 0 0 0 0 0 0 0	1 2 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0		1 1 1 1 1 1 1 0	1 1 1 0	1 1 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 2 1 1 0 1	1 1 2 1 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 0 0	2 1 1 1 1 1 1 0 0	2 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 1 1 1 1 1 1 0 0 0	2 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 1 2 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 1 2 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	4 1 1 0 1 0 1 0 1 0 1 0 0 1 0 0 0 0 0 0	3 1 2 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 1 1	1 0 1 0 0 1	1 0 0 0 0	1 0 1 0 0 1 0	000001	0 0 0 0 0 0	0 0 0 0 0 0 0 1	0 0 0 0 1 1	0	0 0 0 0 0 0 0	0 0 1 0 1		DATA	MISSI MISSI 0 0 1 1 1 0 0	NG -	1 0 1	0 0 1 0 1 1 0	0 0 1 1 1 1 1	0 0 1 1 1 1 1 1 1 1	0 1 1 0 0 1 0	0 1 1 0 0 1	1 1 1 0 1 1 0	2 1 1 0 1 1 1 1 1	1 1 0 1 1 0 1	* * * * O 0 1 0 0 0 1 0

	POLLU	TANT	- TOT	TAL O	CIDANT	S							UN	ITS -	PART	S PER	HUNDE	REDMI	LION						
	STATI	ON -	KING	RECTO	DRY LO	NDON	FAIR	į.	NO	1500	1		MO	NTH M	AY	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	0 0 0 1 2 2 1 1 1	0 0 0 1 2 1 1 1	0 0 0 0 1 1 1 1	0 0 0 0 1 1 1 1 1 1	0 0 0 1 1 1 1 1 1 1 1	0 0 0 1 1 1 1 1 1 1 1 1	0 0 1 1 1 1 1		1 0 0 0 1 1 1 1 1 1	1 0 0 1 1 1 1	0 0 1 1 1 1 1	0 0 0 1 1 1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 1 1 1	1 0 1 1 1 1 1 1 1 1	1 1 0 1 1 2 1 1 1 2	1 1 0 1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 1 1	1 0 0 1 1 2 2 1 1 1 1	0 0 0 1 1 2 1 1 1 2	1 1 0 0 0 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	1 1 1 2 1 1 1 1 1 1 1 1	1 1 1 2 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 2 2 1 1 1 1 1	1 1 2 2 2 1 1 1 1 1	1 1 2 2 2 1 1 1 1	1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 1 2 1 1		1 1 2 1 2 1 2 1 1 2 1 1	1 1 2 1 2 1 0 1 1 1	1 1 1 2 1 2 1 0 1	2 1 1 2 1 1 1 0 1 1 1	2 1 1 2 1 1 0 1 1 1	2 1 1 2 1 1 1 1 2 1	2 1 1 2 2 1 1 1 2 1	2 1 2 1 2 1 1 1 1	2 1 1 2 2 2 2 2 1 1	3 1 1 3 2 2 2 2 2 1	3 1 0 3 2 2 1 2 2	1 1 2 1 2 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 2 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 1 1 1 1 1 1 1	1 2 1 2 2 1 1 1 1 1	1 1 2 1 1 1 1 1 1	1 1 2 1 1 1 1 1 1 1 1 1	2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 2 1 1 2 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1
31	1	Ť	0	0	0	1	1	1	0.000	1	1	0000	1	0000		0000	2	2	2	2	2	3	2	1	1
MEAN	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	•	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 95

						ONTAR	RIO	MINI	STRY	OF	THE I	ENVIR	ONMEN	Г - А	IR M	ANAGEN	IENT	BRANC	н						
	POLL	JTANT	- TO	TAL O	XIDAN	ITS							U	NITS	- PAR	TS PER	HUND	REDMI	LLION	1					
	STAT	ON -	KING	RECT	ORY L	ONDON	FAIR		NO	150	0.1			HTMC		73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10		12	13		15		17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 2 1 1 1 2 2 2 2 2 2	1 2 1 1 1 2 2 1 2	1 2 1 1 1 1 2 1 2	1 1 1 1 1 2 1 2 1 2	1 1 1 1 1 2 1 2 2	1 1 1 1 1 1 3 1 3 3 1 3	1 1 1 1 1 2 3 1 2	1 1 1 1 2 2 1 2	221122	1 1 1 1 2 2 2 1 1 2	1	1 1 2 2 1 2	2 1 1 1 2 2 1 2	2 1 1 1 1 2 2 2 1 2	2 1 1 1 1 2 2 2 2 2 2 2 2	2 1 1 1 2 2 2 2 2 2 2	1 1 1 2 2 2 2 2 2 2 2	1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2112223222	1 1 1 1 2 2 2 2 2 2 2	2 1 1 1 2 2 2 1 2	2 1 2 2 2 1 2	2212122222	3 1 1 1 2 2 2 1 2	1 1 1 1 2 2 2 1 2
11 12 13 14 15 16	1 2 1 1 5	1 1 5	1 2 1 1 3	1 2 1 2 3	1 2 1 2 2	1 2 1 3 2	1 2 1 4 3	1 2 1 4 3	1 2 1 2 2	1 2 1 2 2	1 2 2	2 1 1 2 -	2 2 1 1 2 DATA DATA	2 2 1 1 MISS MISS	2 2 1 1 1 1NG -	2 2 1 1	2 2 1 1	3 2 1 2	3 2 1 2	3 2 1 2	3 2 1 2	3 2 1 3	2 1 1 4	2 1 1 5	2 2 1 2
18 19 20	1	1	1	1	1 1	1	1	2	0.0.0.0 0.0.0.0 0.0.0.0	1	1 2	1 2	1 2	1 1 2	1 1 2	2 2 2	2 2 2	2 2 2	2 2 2	1 1 2	1 1 2	2 1 3	2 1 2	1 1 2	* * * * 1 2
21 22 23 24 25 26 27 28 29	22322111222	1 2 3 2 2 1 1 1 2 2	2 2 2 2 1 1 1 2 2	2 1 2 2 3 1 1 1 1 2	2 1 1 2 2 1 1 1 1 1 2	2 1 1 2 1 1 1 1 2 2	2 1 1 2 1 1 2 2 2	2 1 1 2 1 1 2 2		1 1 1 1 1 2 2	2 1 1 1 1 2 1 1 2	2 1 1 2 2 1 1 2 2	1 2 1 2 1 2 1 2	2 1 1 1 2 2 2 2 2	2221122222	2221122222	2221122222	1 22 1 22 1 22 3	1 2 2 1 2 2 2 3	1 1 2 1 1 1 2 2 2 2	2 1 2 2 1 1 2 2 2	3 1 2 2 2 2 2 2 2 3 2	3 1 3 2 2 1 1 2 3 3	3 2 2 2 1 1 1 2 2 2	2 1 2 1 1 2 2 2 2
MEAN	2	2	1	1	1	1	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - TOTAL OXIDANTS MONTH JUL STATION - KING/RECTORY LONDON FAIR NO 15001 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 10 3 2 2 2 3 2 2 2 3 2 2 3 DATA 2 3 3 MISSING 2 2 4 2 2 2 3 3 2 2 2 2 2 2 2 2 4 4 0 / 1 0 0 0 0 0 0 0 0 0 0 0 0 0 12 13 14 15 16 17 18 19 0 0 0 0 2 1 3 2 22 23 24 25 26 27 28 29 30 8 2 2 0 0 11 15 10 7 1 2 1 2 1 0 -- 0 MEAN

PERCENTAGE OF DATA VALID - 86

						ONTAR	RIO M	MINIS	TRY	OF T	HE E	NVIR	ONMEN1	- AI	R MA	NAGEN	MENT	BRANC	н						
	POLLL	ITANT	- TO	TAL OX	IDANT	S							UN	NITS -	PART	S PEF	HUND	REDMI	LLION	Į.					
				RECTO			FAIR		NO	1500	1		MC	NTH A	UG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	1.2	13	1.4	15	16	17	18	19	20	21	22	23		MEAN
DAY 1 2 3 4 5 6	1	1	٦	3	t	4	1		a: 5 & &	1	1	1	DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG -	T stjorers	T.	1	1	1	1	* × * *	, , , , , , , , , , , , , , , , , , ,		1
8	0	0	0	0	0	0	0	0	0	0	0	0		0	1	0000	1	į	0	0	1	1	1	1	0
10	Ö	Õ	0	0	Ο.	0	1	1	0	0	1.	1	- 1	1			1		2			4		4	1
11 12 13 14 15 16 17 18 19	1 1 2 1 1 2 1 1 1	0 1 1 2 1 1 1 2 1	0 1 2 1 1 1 1 1 1 1 1	00121111	001111111111111111111111111111111111111	0 0 1 1 1 0 1 2 1 1	0 0 2 2 1 1 1 2 1 1	0022111111	0 0 2		0 0 1 1 1 2 2 1 1 1 1	0 0 0 1 1 1 2 2 1 1 1 1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 2 1 1 1 1	1 2 1 1 3 1 1 1	2 2 1 1 1 2 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	1 1 3 2 1 1 2 2	1 1 1 1 1 2 2	0 1 1 3 2 1 1 2 2	0 1 1 3 2 1 1 2 1	0 1 1 2 2 1 2 2 1	0211121121	1 2 2 1 1 2 2 2	1 2 3 1 1 1 1 2 1	10 - 7 v a a - 7 v a a - 7 v a a - 7 v a a - 7 v a a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a - 7 v a -	1 1 1 1 1 2	1 1 1 1 2 2 2 2	1 1 2 1 2 2 1 2 2 2 2 2 2 2	1 1 1 1 2 2 2 2 2 2 2 2	2	1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 1 2 2 2 2 2 2 3 3	1 1 1 1 2 2 2 2 2 2 3	11122222232	1 1 1 2 2 2 2 3 2 3 2 3 2	1 1 1 1 2 2 3 3 2 2	1 1 2 2 2 2 3 4 2 2 2	1 1 2 2 2 2 4 2 2	1 1 3 2 2 1 3 2 1	1 1 3 2 2 1 2 2 1	1 1 1 2 2 2 2 2 2 2 2 2 2
31	2	1	1	1	1	4	7.	2	or erain a	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	2
MEAN	1	1	1	1	1	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1

	POLLU	JTANT	- T(	OTAL (	OXIDA	NTS							U	NITS	- P/	ART	S PER	HUND	REDM:	ILLIO	V					
	STAT	ON -	KIN	G/REC	TORY	LONDON	FAIR	3	N	0 150	01		М	ONTH	SEP	9	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4		15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 2 1 1 1 2 1 1	1 1 2 1 1 1 3 1 1	1 1 2 2 1 1 3 1 1	1 1 1 2 2 1 1 3 1	1 1 1 1 2 1 1	1 1 2 1 1 2 1 1	1 1 2 1 1 3 1 2	1 1 3 2 1 1 2 1 3	0 0 0 0	2 2 2 1 1 1 1 3	2 1 2 2 1 1 1 1 2	2 2 2 3 1 1 1 1 1 1 2	2 2 2 3 1 1 1 1 1 2	2	0 0 1	2 2 2 1 1 1 1 2	2 2 2 2 2 2 1 1 1 2	2 2 3 2 2 1 1 1 1 4	2 2 3 3 2 1 1 1 1	2 2 2 2 2 1 1 1 1 1 3	1 2 2 2 2 1 2 1 1 2	1 2 3 2 1 1 2 1 1 2	1 2 2 2 1 1 2 1 2 2	1 2 2 2 1 1 1 3 1 2 2	1 2 2 2 1 1 2 1 2 1	1 2 2 1 1 1 2 1 2
11 12 13 14 15 16 17 18 19	1 1 2 1 3 3	1 1 2 1 3	1 1 1 1 3 3	1 1 1 3 3	1 1 1 1 3 3	1 2 1 1 2	1 3 2 1 3	1 3 2 2 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 3	1 1 3	1 1 1 2	DATA DATA DATA	MISS MISS MISS	ING	1 1 2 2 2	1 1 2 2 3	1 1 2 3	1 1 2 2 2	1 1 2 2	1 2 2 2 2 4 4 4 4 4	1 2 2 2 2	1 2 2 2 2	1 2 2 2 2 * * * * *	1 2 1 2	1 1 1 3 3
21 22 23 24 25 26 27 28 29	1 0 1 1 0 1 1 0 1 1	1 0 1 1 0 1 0 1 1	1 0 2 1 1 0 1 1 1	1 0 2 1 1 0 0 1 1 1	1 0 1 1 1 1 1 1	1 0 1 1 1 0 1 1 1	1 1 2 1 1	0 0 0 0 0 0 0 0	1 1 0 1 1 1 1 1 1	1 1 0 1 1 1 1 1 1 1	0 0 0 1 1 1 1 1 1 1 1 1 1	0 0 0 0 1 1 1 1 1 1 1 1 1	000000000000000000000000000000000000000	000000000000000000000000000000000000000		0 0 0 1 1 1 1 1 1 1 1	0 1 0 1 1 1 1 2 1 1 1	0 1 0 1 1 1 1 2 1	0 1 0 1 1 1 1 2 1 1 2 1	0 1 1 1 1 1 1 1 2 1 1 2 1 1	0 1 1 1 1 1 1 1 2 1 1 2 1 1 0 0 0 0 0	0 1 1 1 1 1 1 1 2 1 1 2 1 1 4 4 4 4 4 4 4	0 1 1 1 1 1 1 2 2 1	1 1 1 0 1 1 2 1	0 1 1 1 0 1 1 2 1 1 2 1	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

PERCENTAGE OF DATA VALID - 78

						ONTA	ARIO	MINI	STRY	OF	THE I	ENVIR	ONMEN	T - A	IR M	ANAGEN	MENT	BRANCI	4						
	POLI	LUTAN	T - T(	TAL (	MADIXC	NTS							U	NITS	- PAR	TS PEF	HUND	REDMI	LLION						
	STAT	TION	KING	A/RECT	TORY I	ONDON	N FAIR	7	N	0 150	01		м	ONTH	ост	73									
HOUR DAY	4	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	1 1 3 1 12 2 1 2 2	1 1 3 0 10 1 1 1	1 1 3 0 9 1 1 1 1	1 1 3 0 9 1 1	1 1 3 0 9 1 1	2 1 3 0 8 1 1	1 1 3 1 6 1 1 2	1 2 4 1 6 1 1 2	1 2 4 1 5 1 1 2 4	9.000	2 1 1 1 2	2 1 1 1 2 1 1	0 0 0 0 0 0 0 0 1 1 1 1 1 1 1	1 1 1 1 1 1		1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 2 1 1 2 1 1 2 1	1 1 2 2 2 1 2 2 2	1 1 2 2 6 3 1 1 3 2	1 1 2 1 12 3 1 1 3	1 3 1 14 3 1 2 3	1 1 3 1 16 3 1 3 2 2	1 * 1 3 1 1 3 2 1 1 2 2 2 1	1 1 2 3 5 1 1 2 2
11 12 13 14 15 16 17 18 19	1 1 1 1 1 1 2 2 6	1 1 1 1 1 1 1 2 4	0 1 1 1 1 1 1 1 1 3 3 3	0 1 1 0 1 1 1 1 3 2	0 1 1 0 1 1 1 1 1 3 1	1 1 0 1 1 1 1 1 3 1	1 1 1 2 1 2 2 4 1	1 2 1 1 3 1 2 2 7	1 2 2 1 3 1 2 2 7 1		1 2 1 2 1	1 1 2 1 1 1 2 1	1 1 2 1 1 1 4 1 2	1 2 1 1 1 4 1 2	1 1 1 1 1 2 1	1 2 1 1 1 2 1	1 2 1 1 1 1 2 1 1 2 1	1 2 1 1 2 1 2 1	1 3 1 2 2 3 2	1 2 1 1 3 1 2 2 3 1	2211312331	2 2 1 1 3 1 3 2 3 1	2211214242	1 2 1 2 2 6 1	1 2 1 2 1 2 1 3 2
21 22 23 24 25 26 27 28 29 30	1 6 10 6 1 2 2 0 0	1 4 9 4 1 1 2 0 1 1	1 4 7 2 1 1 2 0 1	1 4 7 1 1 1 2 0 1	1 4 6 1 1 1 2 1 1 1 1	1 4 4 1 1 1 2 1 1 1 1	163211120011	2 7 3 3 2 2 3 1	2844	0 0 0 0 0 0 0 0 0 0 0 0 2 2 2 1	1 5 3 3 2 2	1 3 3 2 2 1 1 1 1 1 1	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 2 1 1 1 1	1 2 2 2 2 1 1 1 1	1 2 2 2 2 2 1 1 1 1	2332211111111	3 5 3 2 2 1 1 1 1	4 5 4 2 3 1 1 1	5 6 4 3 3 2 1 1 1	5 8 5 3 2 2 1 1 1	7 11 5 3 1 2 2 1 1	8 12 6 2 2 2 1 1 1	2 5 4 2 2 1 2 1 1
31	1	1	1	1	1	1	1	1	2	0:0:0:0	1	1	2	2	2	2	2	3	3	3	2	1	1	2	2
MEAN	2	2	2	2	2	2	2	2	3	2	2	1	1	1	1	1	1	1	2	2	2	3	3	3	2

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - TOTAL OXIDANTS MONTH NOV STATION - KING RECTORY LONDON FAIR NO 15001 24 MEAN 1.6 9 10 11 12 HOUR DAY 1 2 3 4 5 6 7 8 9 0 0 0 0 2 2 3 4 2 2 1 12 13 14 15 16 17 18 19 20 3 2 1 3 1 ó 0 0 0 3 6 1 3 6 1 22 23 24 25 26 27 29 30 2 2 1 3 1 2 1 

PERCENTAGE OF DATA VALID 

MEAN

						ONTAR	RIO N	INIS	TRY	OF TH	E E	NVIRO		- AI				BRANC							
	POLLUT	ANT	- TOT	AL O	XIDAN	TS							UN	IITS -	PART	S PEF	HUND	REDMI	LLION	I					
	STATIO	Ν -	KING/	RECTO	ORY LO	NODNC	FAIR		NO	15001			MC	NTH D	EC	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	1.5	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5	1 2 3 1 2	1 2 3 1 2	1 2 3 1 2	1 2 2 1	1 1 2 1	1 2 1 2	1 2 1 3	1 3 2 3	2 1 4 2	1 1 3 4 3	1 1 2 3 3	1 1 2 2 2	1 1 2 2	1 1 3 2 MISSI	1 1 2 2	1 1 2	1 2 3 3	2 2 2 2 2	2 2 2 2 2 0	1 2 2 2	2 2 1 2 2	2 2 2 0 0 0	2 2 2 2 ****	3 2 2 2 2	1 2 2 2 2
6 7 8 9 10	4 5 8	5 5 7	5 5 6	4 5 6	3 4 6	3 4 6	3 4 6	3. 4. 6	3	3,5	4 5 6	4 5 7	5 6 7	4 5	4 5	4 5	6 5	3 6 6	3 5 6	3 5 6	3 5 7	4 5 8	3 5 9	4 6 10	4 6
11 12 13 14 15 16 17 18 19	3 0 1	3 0 1	3 0 1	3 0 1	2 0 1	2 0 1	2 0 1	2 0 1	A : 2 5 3 : 2 5 - 1 : 2 - 2 : 2 1	2 0 1	2 1 1 1 2	2 1 1	2 1 1 DATA	2 1 1 MISSI	2 1 1 (NG -	1 1 1 2 2 2 3 4 3 4 4 5	3 6 8 8 1 1 1 1 1	1 1 2 1 1 1 1	4 1 1 2 1	4 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 1 1 1 1 1 1 1 1	3 1 1 1 1 1 1 1 1 1	4 1 1 2000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1
20 21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 2 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 1 2 1	1 1 2 2 2 1	2 1 2 1 1 1 1 1 2 3 1	2 1 2 1 1 1 1 1 2 3 1 1	2 1 1 1 1 1 1 1 2 2 2 1	2 1 2 1 1 1 1 2 2 2 1 1	2 1 2 1 1 1 1 3 2 2 1	2 1 2 1 1 1 2 3 3 2 1	1 2 1 1 1 1 3 2 1 2 2	1 1 2 1 1 1 3 2 1 2 3	1 1 1 1 2 1 1 2 2 2	1 1 2 1 1 2 1 1 2 2	1 1111111111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
31	1	1	1 2	1 2	1	1	1	1	1 2	12	2	1	1 2	2	2	2	2	2	2		2	2	2	2	2
MEAN	2	2	2	2	(4)	3	~	-	4	-	-	-													

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - KING/RECTORY LONDON FAIR NO 15001

POLLUTANT - TO	OTAL OXIDANTS		UN	NITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	2	7	21
FEB	28	2	3	7
MAR	30	2	5	10
APR	27	1	2	4
MAY	31	i	2	3
JUN	28	2	2	5
JUL	30	2	4	6
AUG	25	1	2	4
SEP	26	1	3	4
OCT	31	2	5	16
NOV	30	2	3	7
DEC	28	2	6	10
YEAR	345	2	7	21

	TOTAL O	ENCY CLASSIF XIDANTS	1000 1000	73	UNIT	- PARTS PER	HUNDREDMII	LION		
STATION -	KING/RECT	ORY LONDON F	AIR	NO 15001						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 &OVER	TOTAL			
JAN	211	363	107	6	4	4	695			
FEB	279	313	20	1	0	0	613			
MAR	272	316	38	11	0	0	637			
APR	495	75	4	0	0	0	574			
MAY	619	92	0	0	0	0	711			
JUN	293	320	6	0	0	0	619			
JUL	248	367	29	0	0	0	644			
AUG	390	146	3	0	0	0	539			
SEP	401	159	3	0	0	0	563			
OCT	414	210	41	16	6	1	688			
NOV	359	/ 283	37	1	0	0	680			
DEC	357	155	54	8	0	0	574			
YEAR	4338	2799	342	43	10	5	7537			
FREQUENCY	DISTRIBUTI	ON BY PERCEN	ITILES							
	PERCENT OF DATA VALID	MIN	10 30	FREQUEN	CONCENTRATION OF THE PROPERTY	TIONS TION, PERCENT 90 95	98	99	MAX	ARITH MEAN
				-						

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - TOTAL OXIDANTS MONTH JAN 7.3 NO 29025 STATION - BARTON/WENTWORTH HAM OAMST 24 MEAN 9 10 11 HOUR DAY 3 2 2 1 2 1 2 1 2 2 3 4 5 6 7 8 9 10 4 1 2 2 2 Ô Ó Ô 12 13 14 15 16 17 18 19 20 0 0000 3 2 2 2 4 2 2 3 3 1 2 4 2 2 2 3 1 22 23 24 25 26 27 29 30 3 0 1 Ô 

PERCENTAGE OF DATA VALID - 95

MEAN

					1	ONTAR	10 M	MINIS	TRY	OF TH	HE E	NVIRON	IMENT	- AIF	R MAI	NAGEM	ENT	BRANC	1						
	POLLU	JTANT	- TOTA	L OX	IDANT:	S							UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	BARTON	/WEN	TWORT	H HAM	OAM	<b>VIST</b>	NO	29025	5		MO	NTH FE	В	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	1.7	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	1 1 1 1 2 2 3 3 1 1	1 2 1 1 2 2 2 2 1 1	1211222	1 2 2 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 4 1 1 1 2 1 1 1	4 5 1 1 1 2 1	2 5 1 1 2 2 1 1 1	3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 1 1 1 1 2 1 2	3 2 1 1 1 2 2 2	3 2 1 1 1 2 2 3	3 2 1 2 1 2 2 2 2 2	4 8 2 1 2 1 2 3 3	4 8 2 1 2 1 2 3 3	5 4 2 1 2 2 2 1 3 2	9 5 2 1 2 4  1 3 2	7 2 1 1 2 4 	5 1 1 2 2 1 * * * * * 1 2 2	7 1 2 1 2 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 1 2 2 2 3 3 1 1 1 2	2 1 2 2 2 2 2 2 1 1 1 2	1 1 2 2 3 3 4 4 4 1 1 2	3 3 1 1 2 2 2 2 2 2 2 2 2 2
11 12 13 14 15 16 17 18	1 2 1 3 2 2 1 1 1 2 2	0216221121	1 2 1 6 2 2 1 1 2 1	1 2 2 4 2 2 1 0 2 1	1223221120	1 3 2 2 0 0 1 1	1 1 2 2 1 2 1	0234420122	0 1 4 3 4 2 1 1 2 1	1 1 2 3 3 2 1 2 2 1	1 23222222	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1223322322	1223322332	11333233300	2234223322	2233222321	2233222222	22443211213	2 2 4 3 2 1 1 2 1 2	2 2 4 3 2 1 1 2 2 1	2 6 2 2 1 1 2 2 2	2 2 6 3 2 1 1 2 2 1	2 2 3 3 2 1 1 2 2 1	1 2 3 3 2 2 1 2 2 2
21 22 23 24 25 26 27 28	1 1 0 3 1 1 1 1	1 0 3 1 1 0	† † 0 3 1 2 2	1 0 3 1 1 2	î	1 0 1 3 2	2 1 0 1 1 1 2 2	2 1 0 1 1 0 1 2	2	2 1 1 2 1 2 2 3	31131223	2 1 2 3 1 3 3 4	21331233	2 1 3 3 2 3 2 4	2332324	3 1 4 3 2 3 2 4	2 1 3 2 2 3 2 4	21222324	21222323	1 1 2 2 1 2 3 2	1 1 2 2 1 2 2 2 2	1 1 2 2 1 2 1 2 2	1 0 2 2 1 2 1 2	2 0 2 2 1 2 2 2	2
MEAN	1	1	2	1	1)	1	1	2	2	2	2	2	2	2	3	3	2	3	2	2	2	4	2	2	-

	POLLU	JTANT	- TOT	AL OX	IDAN	TS							UN:	ITS -	PARTS	S PER	HUNDE	REDMI	LLION						
	STATI	ON -	BARTO	N/WEN	TWOR	TH HAM.	OAMS	ST	NO	2902	5		MOM	NTH MA	AR :	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	1 3 1 6 0 1 3 1 2 2	0 3 1 5 1 1 1 1 2 2	0 2 1 4 1 1 1 1 2 2	1 2 1 2 1 1 1 2 2	1 1 2 2	1 3 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1313125222	2 4 1 3 1 4 3 2 3 1	27 1 2 1 2 3 2 3 2	2 2 2 2 2 2 2 3 2	2422022222	2 3 1 2 2 2 2 2 2 2 2	2223122323	3223122323	3324124324	3224122323	3222123321	3222122322	2222122322	2221122223	2220122223	2230122223	21401132123	3 5 0 1 4 2 1 2 3	2322122222
11 12 13 14 15 16 17 18 19	2 2 3 1 2 1 2 2 2 1	2 2 3 2 2 2 1 2 2 1	2232222231	1 2 3 2 1 2 2 3 1	28.0	3 2 2 2 2 2 3 1	2223222231	2223423222	2223623232	2 2 2 3 4 2 3 3 3 2 2	31335* 3323	3 1 2 2 3 2 2 2 3 3	2 1 2 3 2 2 2 2 2 2 3	3033202023	22332222223	332222233	3132233223	2132333323	2 1 3 2 2 2 2 2 2 3 2 3 2 3	3232212323	4 3 2 2 2 2 3 3 2 3	3 2 3 3 2 2 2 3 1 3	1322232313	2 2 2 2 2 3 1 2	2232322222
21 22 23 24 25 26 27 28 29 30	223222122	122222132	1 2 2 1 2 2 3 1 3 1	2 2 2 1 3 2 1 3 1	1 2 2 1 1 3 2 1 3 1	1 2 2 1 1 3 2 1 3 2 2	1 2 2 2 1 2 2 1 3 2	1 2 3 2 1 2 1 1 3 3	3 2 2 3 1 2 3 3	1 2 3 3 1 3 1 1 1 0 3	1 2 3 3 2 3 1 3 3	2233242233	1 2 4 4 3 4 2 2 4 3	1244342244	1 2 4 5 3 4 3 2 4 3	1 3 4 5 3 3 3 3 2 4 3	1 3 4 5 3 3 1 2 4 3	24334321244	2332320233	1 4 2 2 3 2 0 2 3 3	1 4 3 2 2 3 1 2 2 2 2 2 2 2 2 2 2 2	1 3 4 3 2 2 1 3 1 2	1 4 3 5 3 2 1 3 1 2	1 3 2 4 2 2 1 3 2 2	1333232233
31	2	2	2	2	1	1	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	3	2	2	2	2	3	3	3	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

						ONTAR	10	MINIS	STRY	OF 1	THE E	ENVIR	ONMEN	T - AI	R MA	NAGEM	ENT	BRANC	н						
	POLLU	TANT	- TOT	AL OX	IDAN	TS							U	NITS -	PART	S PER	HUND	REDMI	LLION	Ĺ					
	STATI	ON -	BARTO	N/WEN	TWOR	тн нам	OAM	MST	NO	290	25		M	ONTH A	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 2 1 1 2 3 2 1 1 2	2211222102	2 3 1 1 2 2 2 1 0 2	2 3 1 1 2 2 2 1 1 1 1		2 2 3 3 1 2 2	2532222112	2532222123	2422221123	3 2 2 3 2 1 2 3	2322241222	2322332234	2232342333	2232341233	3232342232	3232331 2331 223	2242331223	2 1 3 2 3 3 1 2 3 3	3 1 3 2 3 3 1 2 3 3	2 1 3 2 3 2 3 2 0 3 3 3 3	2122320333	3 1 2 2 3 2 1 3 3 3	2222321333	2212321233	22223334443
11 12 13 14 15 16 17 18 19	3 2 1 1 2 2 3 1 4	4 3 1 2 1 2 1 3	3 1 0 2 1 2 2 3	2 3 2 0 2 1 3 2 4	0	2 1 0 1 2 0 4	2 2 2 1 1 3 2 1 4	2 2	3 2	34 32 3	3 4 2 3 3 6 4 2	3 4 3 4 2 6 5 2	4 4 3 4 3 6 4 2 DATA	4 3 3 4 2 7 4 2 8 MISSI		4 4 3 5 4 6 3 3	3 3 4 3 4 3 3	3 3 4 2 4 3 4	3 3 2 4 2 4 3 2	2 3 2 3 1 4 2 4	1 3 2 2 1 4 2 4	1 2 2 1 1 4 2 4	1 2 2 2 1 4 2 4	1 1 2 3 4 1 5	3 3 2 2 2 4 3 2 2 4 3 2 2
21 22 23 24 25 26 27 28 29												* * * * * * * * * * * * * * * * * * *	DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	NG - NG - NG - NG - NG - NG -										
MEAN	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2

POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION
STATION - BARTON/WENTWORTH HAM OAMST NO 29025 MONTH MAY 73

	STAT	ION	- BAR	TON/W	ENTWO	RTH H	AM. O	AMST	NO	2902	5		M	W HINC	AY	73									
HOUR	1	2	3		5	6		8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	2 2 2 2 2 3 4	2 2 2 2 2 3 5	2	2	2 2 2 2 2 2 2 2	2 1 2 2	3	2 2 2 4 4 3 4	2 2 4 4 3 3	334444	3 3 3 3 5	4 4 3 2 3 5	DATA	4 5 3 4 4	NG -	2354345	2 3 4 4 2 5 4	23553166	2 3 4 2 3 6	2 3 4 2 4 5	2 2 3 2 2 6	2 2 3 3 2 5		2 2 3 2 2 5	3 3 3 4 5 5
11 12 13 14 15 16 17 18 19 20	2 1 1 2 4 2 3 1 3	2 1 1 2 4 2 3 1	2 1 2 2 2 4 2 3 1	000000000000000000000000000000000000000	3 2 2 2 3 2 2	2223	2 2 4 3 4 3 3 2	2 2 3 4 3 3 2	3 3 4		1 3 2 2 4 5 4 3 4	2 3 2 2 4 6 4 3 4 5	2 3 2 3 4 6 4 2 4 4	3 2 3 4 6 4 2 5	2 4 2 3 4 7 4 3 5 4	3 3 2 3 4 6 4 2 6 4	2323453283	2 3 2 3 4 5 4 2 6 3	2323443243	1323433233	12224333334	2 2 2 4 4 2 3 2 3 5	2226433233	1 1 5 4 3 3 2 3 4	3 2 3 3 4 3 2 3 3 3
21 22 23 24 25 26 27 28 29 30	3322242141	3 3 2 2 2 2 2 2 1 4 1	3 2 2 2 3		3 2 2 1 2 2 3 1 2 2 2 2 2	3 2 1 3 3 1 2 3	4 2 2 2 3 2 2 4	4 4 4 3 2 3 3 3 2 4 4 3 2	3 2 3 2 2	2 4 2 2 4 4	5 4 4 2 4 2 2 2 2 4 3	6462432343	6 5 6 3 3 3 2 2 5 3	5 7 2 3 2 2 3 5	6 5 5 2 3 2 2 4 5 2	5 2 4 2 2 3 4 2	65435223343	5 4 3 4 2 3 4 3 3 3	4 3 4 2 3 4 3 2	4 3 3 3 4 1 4 4 4 4 2	3333523332	3332423323	333334224422	322232323	4 4 3 2 3 2 2 3 4 2
3.1	3	2	2	1	2	2	2	2	2	3	1 83	4	16 Q	6	7	7	9	10		9		7	6	4	5
MEAN	2	2	2	2	2	2	. 3	3	3	3	3	4	4	4	4	4	4	4	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID 84

						ONTARI	O M	INIS	TRY !	OF TH	HE EI	NV I ROM	MENT				-0.5.6	BRANC							
	POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION STATION - BARTON/WENTWORTH HAM OAMST NO 29025 MONTH JUN 73																								
	STATI	ON -	BARTON	/WEN	TWORT	ГН НАМ	OAM	ST	NO	2902	5		4OM	IL HI	UN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	4422353582	5 3 2 3 3 5 3 6 7 2	5324453761	4 2 2 3 4 4 3 6 6 1	4 3 2 2 4 4 2 4 6	3022333351	4332334442	4332334543	532 434653	5323436764	6423446965	7 4 2 4 6 4 7 1 1 6 5	8 4 2 3 8 5 8 3 6 6	8 4 2 3 8 5 9 1 1 6 7	8 4 3 5 7 6 9 10 6	7 5 2 5 7 6 9 9 6	7 52 4 7 5 8 10 8 10	8524759289	6 4 2 7 6 4 8 11 7 8	5324638 1167	5324638048	4 4 6 3 7 1 0 3 1 0	53235249310	50003434930 1	6423546866
11 12 13 14 15 16 17 18 19 20	10 6 3 2 1 1 2 2	965311333	8 5 4 3 1 1 3 2	65432133	54332123	4 3 3 3 2 1 2 3 3 2 2 2 2 2	4 3 4 3 4 3 2 2 2	4 4 3 4 4 3 2 2 2	5 4 4 3 3 4 2	6 5 5 3 4 4	965243 22	9 8 6 6 2 6 3 1 2	8 8 6 6 3 7 3	8 6 5 2 7 3 1 6	8 5 6 6 2 6 2 6 2 7	10 6 5 6 2 7 2 2 1 8	10 6 5 6 2 3 3 3	10 65 55 1 2 3	9 5 4 5 1 2 2 2 4 7	9 4 4 1 1 2 2 5	943321122	8 4 2 2 1 2 2 2 3 5 5	7 32 22 1 2 22 3 4	7 2 2 2 1 2 2 2 5	8 5 4 4 2 3 3 3 0 0 0 4
21 223 24 25 26 27 28 29 30	64242333422	6 5 2 4 1 2 2 5 3 2	6 4 1 5 1 2 2 4 4	5 4 3 6 1 2 3 4 3 1	4 4 3 5 1 1 3 3 3 1	3 4 1 4 3 2 2 2 4 1	3333324333	4333233224	4 4 5 4 3 4 3 2 6	2 5 5 3 2 4 3 2 5	3 7 5 4 6 2 4 5 2 6	3854754526	3 9 5 4 6 7 5 5 3 7	5655896547	5 5 6 5 8 10 7 4 4 7	7565886358	9566686268	8435686368	7 52 4 5 8 5 3 6 7	5424665357	4332444256	3 4 3 1 3 3 4 2 4 6	2322223236	2 3 2 3 2 6 2 3 5	5 5 4 4 4 4 4 4 4 5
MEAN	3	4	3	3	3	3	3	3	4	4	4	5	6	6	6	6	6	6	5	5	4	4	3	3	4

	POLL	UTAN	L - I	OTAL O	XIDAN	ITS							U	NITS -	PAR	TS PEF	NUNE	DREDMI	LLION							
	STAT	ION -	- BAR	TON/WE	NTWOF	RTH HAN	4. OA	AMST	N	290	25		M	ONTH J	IUL	73										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	4 3 8 2 2 2 8 12 10 2	4 3 7 1 2 2 8 1 2 9 2	4 3 7 2 2 2 2 8 1 2 7	4 3 5 2 2 2 7 1 1 5 1	3 2 4 1 2 1 7 1 1 4	4 2 3 1 2 1 6 11 3	4 5 3 1 2 3 7 9	4 9 2 3 3 8 9	4 11 6 4 3 5 9 10 4 3	557 553 5510 111 43	6 0 8 7 4 7 11 11 5 3	6589 4812153	5, 7, 9, 11, 4, 8, 12, 12, 5, 5,	10 99 4 8 13	6 10 8 7 4 9 13 13 6	7 11 9 5 4 9 14 13 5	6 11 9 4 4 9 14 14 5 6	6 11 8 4 10 12 14 5	6 9 6 3 4 10 12 14 5	4 8 5 2 3 9 1 2 1 2 4	3 8 4 2 7 11 11 2 4	4 8 3 2 2 6 10 11 2 4	4 8 3 2 2 7 12 11 2 4	4 9 2 2 2 8 12 11 2 4	57 64 36 10 12 54	
11 12 13 14 15 16 17 18 19	4258222439	4 2 6 9 2 2 2 4 4 4 1 1	4 2 6 8 2 2 3 4 5 10	4 26 7 2 2 3 3 7 10	3265222368	2363233456	3343232346	4 3 4 3 3 3 3 5 6	4 3 5 4 4 3 3 4 6 7	5 6 5 4 4 4 9 9	5 7 5 4 3 4 4 10 9	4 6 7 5 4 4 5 4 9 6	4 7 7 5 5 3 5 5 10 8	55955 45608	5 5 5 12 5 5 4 5 6 10 9	5 13 5 5 4 4 6 12 8	5555447119	4 5 1 5 5 4 4 5 1 9	4 5 14 4 5 4 4 5	4 13 3 4 3 4 5 9 8	3 4 11 3 3 3 4 5 8 7	2 4 10 3 2 3 3 4 7 5	25 8 3 2 3 4 7	2 5 6 3 2 3 4 3 8 4	4 4 8 5 3 3 4 4 8 8	
21 22 23 24 25 26 27 28 29	4 1 2 1 2 4 5	4 2 2 0 2 4 4	4 1 2 0 2 4 4	4 1 2 0 1 3 4	4 2 2 0 1 2 3	3 1 1 1 2 2	3 2 3 1 2 1 3	2 2 3 1 1 2 3	2 1 1 2 2 3	3 1 2 3 3 3	3 2 3 4 3 4	3 2 3 6 4 5	6 3 4 7 5 7 DATA	4 4 8 5 6 MISSI MISSI	4 4 5 10 5 6 NG - NG -	4 4 4 9 7 6	5 5 3 7 6 6	5 4 3 5 5 7	4 3 3 3 4 6	3 3 2 3 3 6 6	2 3 1 2 4 5 5	2 3 1 1 3 5 5	2 3 1 3 4 5 5	2 3 1 3 4 5 5	3 3 3 3 4	
31	4	3	2	4	5	4	4	3	3	3	3	,		5	6	4	4	5	0	0	5	5	4			
MEAN	4	4	4	4	3	3	3	4	~	5		6	6	7	7	7	4	7	5	5	5	3	4	3	4	
																							104			

PERCENTAGE OF DATA VALID - 88

						ONTAR	10	MINIS	TRY	OF TH	4E Ε	NVIRON	MENT	- AII	R MA	NAGEM	ENT I	BRANCI	4						
	POLLU	JTANT	- TO1	TAL OX	IDAN	TS							UN	ITS -	PART	S PER	HUNDI	REDMI	LLION						
	STAT	ON -	BARTO	N/WEN	NTWOR	TH HAM	OA	MST	NO	29025	5		MO	NTH A	JG	73									
HOUR DAY	Ĩ	2	3	4	5	6	7	8	9	10	1 1	12	13	14	15	16	17	18	19	20	21	22	23	24 N	/EAN
1 2 3 4 5 6 7 8 9	5 4 2 2 4 9 10 8 7	7 32 24 8 10 7 6 4	6 3 2 2 4 8 1 3 6 6 4	6 2 2 2 4 8 1 3 7 5 3	5	6 1 1 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 2 2 6 6 4 4 4 2	4 3 3 3 6 6 5 5	3 4 4 3 8 6 7 6	4 5 4 3 9 7 9 9 7	57 54 10 99 97 5	5 7 5 4 11 10 9 10 7	5 8 5 11 10 10 10 8 7	6 9 6 5 10 10 9 11 7 8	4 8 5 5 11 11 9 11 7 8	3 9 6 5 12 12 9 10 7	4 9 6 5 11 13 9 8 7	4 9 5 5 10 13 9 8 8 6	4 7 5 4 9 11 8 6 9	5 6 3 3 8 1 0 7 6 7 3	5424796743	4325697743	4235689943	5 2 3 4 8 9 10 9 4 3	5 4 4 8 9 9 8 6 5
11 12 13 14 15 16 17 18 19	3422220141	3 4 2 2 3 2 0 1 3 1	3 4 2 2 2 1 0 0 2	3 3 2 2 2 1 0 1 2 1	1	2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 2 1 1 2 2 2 3 1	4322122242	5323222232	6433433333	8 4 6 4 4 2 3 4 3	7 4 4 5 5 4 1 4 4 3	7 5 5 6 6 3 2 5 4 4	7 5 9 9 4 2 5 3 5	7 5 6 7 8 4 3 4 3 5	8 5 6 7 6 3 4 6 3 5	8465623545	7458625447	6445625444	5333524433	52333324432	5 2 3 3 2 1 3 3 2 1	4 1 3 2 2 0 2 3 2 1	4 2 3 2 2 0 1 4 1	53344223333
21 22 23 24 25 26 27 28 29 30	1 1 3 1 2 9 7 8 4	1 1 2 1 2 7 8 7 4 8	1 1 1 1 2 10 8 7 5 8	1 1 1 1 2 11 7 8 4 7	1 1 1 9 6 8 4 6	1 2 2 1 8 4 5 4	1 1 5 3 2 7 4 4 6 3	2 4 2 2 6 4	1 2 4 3 3 6 6 8 6	1 3 3 4 6 6 6 2 6 9	2 3 2 5 8 8 2 6 10	2 4 2 8 13 10 3 7 12	25 28 100 103 7 111	25 25 10 10 5 8 10 10	25260106799	25281106799	3 5 2 8 120 7 7 9	3528298690	3 4 2 7 12 9 9 5 11 8	3 2 1 4 10 6 10 4 15 7	2 1 3 9 6 11 4 15	2 1 1 3 9 6 9 3 11 5	1 2 1 3 6 6 8 3 11 6	2 2 1 3 9 7 7 3 10	2324 786698
31	8	7	7	6	4	2	3	0.818.0	3	4	6	8	8	8	8	10	10	9	8	6	7	7	6	8	7
MEAN	4	4	4	4	3	3	3	3	4	5	6	6	7	7	7	.7	7	7	6	5	5	4	4	4	5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - TOTAL OXIDANTS MONTH SEP STATION - BARTON: WENTWORTH HAM OAMST NO 29025 24 MEAN 1.4 10 7 10 10 8 4 3 4 4 2 10 8 3 4 10 4 2 1 2 0 1 4 5 4 3 3 MEAN

PERCENTAGE OF DATA VALID 93

PERCENTAGE OF DATA VALID

					0	NTA	RIO	MINIS	TRY	OF T	HE E	NVIR	NMENT	- A	IR MA	NAGEN	ENT	BRANC	н						
	POLL	UTANT	- TOTA	L OX	IDANTS								UN	IITS	PART	S PER	HUNE	DREDMI	LLION	1					
	STAT	ION -	BARTON	- WEN	TWORTH	НА	M OA	MST	NO	2902	5		MC	NTH (	OCT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2	5 2	5 2	3 2	3 2	3 2	4	8 2	9	5000	, <b>4</b>	3		JATA				0.6 : 0	2	3 × 0 0 0	3	2	3	9000	****	
3 4 5 6 7 8 9	2 2 5 1 1 5	2 2 1 1 1	2 1 1 1 1 5	2 1 1 1 1 5	2	2 1 1 1 2 6	2	2 2 1 1 2 10	3 3 1 1 2	4 3 2 1 2 4	3 2 1 3 4	4 4 3 1 3 4	4 4 3 2 4 6	5 3 2 2	3 5 3 3 2 4	3 4 4 3 2 5	2 4 4 3 2 4	2 3 3 3 2 4	2 3 2 1 4	4 3 4 1 2 4	3 2 5 1 1 7	2 3 3 1 2 7	2 3 2 2 8	2 3 2 1 7	3 3 2 1 4
11 12 13 14 15 16 17 18	1 2 3 2 2 0 1 1 6	+ 3 3 2 2 1 1 1 5	1 3 3 1 3 1	1 4 3 1 2 1 1 2	1 3 3 1 2 1 1 1 1	3332-23		4 3 3 6 2 2 1 6	2 4 3 3 4 1 2 1 6 1	2344312342	2244322232	2 2 4 4 3 2 2 3 4 2	5 4 4 2 2 2 4 2	3 2 6 4 4 3 2 2 4 2	2 7 4 3 2 2 2	3 2 5 5 3 2 2 4 3	2 4 4 3 1 2 2 3 2	2 5 4 4 2 1 1 2 5 2	2534211252	2 5 4 4 3 0 1 1 4 2	2 5 3 2 1 1 1 3 3	2 5 2 3 2 1 1 1 2 2	2 5 3 3 1 1 1 2 6 2	2 4 4 3 1 0 1 2 9 2	2 3 4 4 3 2 1 2 4 2
21 223 24 256 27 29 30	3355221102	2 2 3 3 1 1 1 1 0 2	2 2 2 2 1 1 1 1 0 1	222211101	1222101101	ő	1	3 7 12 3 2 2	2 5 4 9 5 2 1 2 1	2 4 14 4 2 1 2 1 2	3 5 10 1	25: 91. 2211	10	4 5 6 9 1 2 1 2	57 94 1 2 1 2	4 6 7 8 3 1 2 1 2	3 7 6 2 3 1 2 2 1	1 1 0	3 3 4 2 4 1 1 1 1	5	2 11 5 1 4 1 1 1 1 1 1 1 1	2 15 4 1 4 1 1 1 1	3 1 3 1 1 1 1 1 1 1	3 10 5 2 3 1 1 1 2 1	365531111
31	1	1	0	0	0	0		3	3	2	2	3	3	3	5	2	2		1	1	2	2		1	2
MEAN	2	2	2	2	4	2	3	4	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3

	POLL	UTAN	· - T	OTAL (	DXIDAN	ITS							U	NITS	- PAR	TS PE	R HUNI	DREDM	ILLION	1					
	STAT	ION -	BAR	TON/W	ENTWOR	ITH HA	м. О	AMST	N	0 290	25		M	ONTH I	VOV	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	1 1 2 1 1 3 1 1 1 2	2 1 2 1 3 1 1 3 3	1 0 2 1 1 1 1 1 1 1 1 1	2 0 3 1 1 3 1 0 1	2 0 2 1 1 3 1 0 1 1	0 2 1 1 2 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 1 1 1 1 0	2 2 2 2 1 1 1 1 1 1 1 1 1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 1 2 3 4 2 2 1 2 2 3	2233	2 1 3 2 2 2 2 3 2 3 2 3 2	21223222223	2 1 1 2 4 1 1 2 1	2 0 1 2 4 1 1 2 1	2 1 0 1 4 1 2 1 1 1 1	2 1 0 1 4 1 1 1 2 1	1 0 1 4 1 1 2	1 1 0 1 3 1 0 1 2	1 1 0 1 4 1 1 1 2	1 1 0 1 3 1 1 1 1	1 1 0 1 3 1 1 1 2	2 1 1 2 2 2 1 1 1 1 1
11 12 13 14 15 16 17 18	1 1 4 2	1 1 4 2 2	1 1 4 2	1 0 1 3 2	1 0 1 3 2	2	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 1 2 1	1	1 10 2	1 1 3 7 2	1 1 4 5 2 1	DATA	MISSI MISSI	ING -	1 1 5 2 0 0 0 0 0	1 1 4 2 2 1 2 2	1 1 4 2	1 0 4 1	1 1 3 2 2	1 0 3 2			1 1 4 2	1 1 3 3
20	1	1	0	0	0	0		9 8 6 2		2	i	i	1	1	1	i	1	1	i	, 1	1	0	1	2 1	1
21 22 23 24 25 26 27 28 29 30	1 2 2 1 1 2 1 1 1 1 1	1 2 2 1 1 1 1 1 1	1 2 1 1 2 1 1 2 1	1 1 1 1 2 1 1 5 1	1 1 1 0 2 1 0 2	1 1 1 2 1 0 2		6 2 3 1 1 2 2 2 2 1	5 2 3 0 1 3 2 3	4 2 7 1 1 1 1 2 3	4 3 8 1 0 2 3	4 3 7 1 1 2 3	4 3 6 1 1 1 3 3	6 3 5 1 1 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 3 4 1 1 7 2	10 3 3 2 1 1 6 1	4 6 2 3 1 1 2 1	3 5 3 3 0 1 8 1	233221140012	2 2 3 1 1 7 0 1 2	2 2 2 1 0 1 11 0 1 1 2	1 2 2 1 0 1 2 1 1	1 2 4 1 1 1 2 1 1 2 2	1 2 2 1 1 1 1 1 1 2	3 1 1 1 3 1 1 1 2 2
MEAN	1	2	1	1	1	Ť	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	2

PERCENTAGE OF DATA VALID - 80

						ONT	ARIO	MINI	STRY	OF '	THE E	ENVIR	DNMENT	- A	IR MA	ANAGEN	MENT	BRAN	СН						
	POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION STATION - BARTON/WENTWORTH HAM DAMST NO 29025 MONTH DEC. 73																								
	STA	TION	BAR	TON/WE	NTWO	H HTF	AM O	AMST	N	0 290	25		MO	NTH [	DEC	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	4 1 10 2 2 1 3 3 3 5	2 1 6 2 2 2 3 3 5	2112233333	2 1 7 2 1 2 4 2 3	2 1 3 2 1 2 4 2 2	212122422	2	1 1 3 3 9 2 3 3 3 2	9 2 3 3	223211232	2 4 3 8 2 2 2 2	2 2 4 3 3 2 3 3 1	3 2 5 3 3 2 3 2 3 1	3 1 4 3 2 2 3 2 3 2	32422232	3 2 4 2 2 2 3 3	2 4 2 3 2 2 2 2 1	2 4 3 3 3 2 3 2 2	2 4 4 2 2 2 3 3 3 4 4 2 2 2 3 3 3 4 4 2 2 2 3 3 3 4 4 2 2 2 3 3 3 4 4 2 2 2 3 3 3 4 4 4 4	2 12 3 2 1 2 3 3 3	2 8 3 2 1 2 3 3 3	1 10 3 2 1 2 3 2	1 8 3 2 1 2 3 3 3	1 8 3 2 1 3 3 3 3 1	2 3 4 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3
11 12 13 14 15 16 17 18 19	4 1 3 4 3 7 7	3 2 3 3 3 7 7 2	1 4 2 3 4 3 6 6 2	1 32 4 4 3 66 2	1 2 1 4 4 3 4 4 2	1 4 2 3 4 3 5 5	0 0 0 0 10 0 0 10 0 0 10 0 0 10 0 0 10 0 0 11 11 2	6 2 3 4 3 3 2	5 2 3 4 2 3 3	2 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	. 1	2 2 2 2 6 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 3 3 10 7 0	2 2 2 3 3 9 7	2 2 2 3 3 7 6 2	2 2 2 3 3 2 6 2	4 2 3 3 2 4 2	5 2 3 4 3 5 4	5 2 3 3 5 5 1 3 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22233933	1 3 3 3 8	1 2 3 3 8	2 1 3 3 3 7	2 1 2 3 3 5 5 2 2	2 3 3 5 5 3
21 22 23 24 25 26 27 28 29 30	0 1 1 1 1 1 0 1 2 2	0 1 1 1 1 1 1 1 2	0 1 1 1 1 1 1 2	1 0 1 1 1 1 1 2 1 2	2 0 1 0 1 1 1 2 1 2	1 0 1 0 1 1 1 1 2 1 2		1 1 0 0 1 1 1 1 2 1 2	1 1 1 0 1 2 1 2 1 2	1 1 1 2 2 2 2 2	1 1 2 2 2 2 1 2 2 2	2 2 2 2 2 2 2 3	2 1 1 2 1 2 1 2 2 3	3212122222	222222222222222222222222222222222222222	2222212232	2212133222	2212412222	2122312221	1 2 2 1 2 2 1 2	1 1 2 1 1 2 2 1	1 1 2 1 1 1 2 1	1 1 2 1 1 2 2 1	1 1 2 1 1 2 2 1	2 1 1 2 1 1 2 2 2 2
31	1	1	1	1	1	1		1	1	1	1	2	2	ĭ	2	1	2	1	1	1	1	1	1	1	1
MEAN	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	3	2	3	2	2	2	2	2

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - BARTON/WENTWORTH HAM OAMST NO 29025

POLLUTANT - TOTAL OXIDANTS

UNITS - PARTS PER HUNDREDMILLION

	TOTAL OF MAN TO DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
MONTH	DAYS OF VALID DATA			11
JAN	3 1	2	4	11
FEB	28	2	3	9
MAR	31	2	3	7
APR	19	2	4	7
MAY	28	3	.5	10
JUN	30	4	8	13
JUL	29	5	12	15
AUG	3.1	5	9	15
SEP	30	3	8	12
OCT	30	3	6	15
	27	2	3	i 1
NOV			E	12
DEC	31	2	5	
YEAR	345	3	12	15

		ONTARI	MINISTR'	Y OF THE	ENVIRONMENT	- AIR MANAG	GEMENT BRA	NCH		
MONTHLY GR	ROUP FREQUEN	NCY CLASSIF	ICATION FOR	73						
POLLUTANT	- TOTAL OXI	IDANTS			UNIT	- PARTS PER	HUNDREDMIL	LION		
STATION -	BARTON/WENT	TWORTH HAM.	OAMST	NO 29025						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 &OVER	TOTAL			
JAN	329	350	31	1	1	0	712			
FEB	254	337	33	5	0	0	629			
MAR	145	535	49	1	0	0	730			
APR	80	290	60	2	0	O	432			
MAY	31	408	179	1.1	0	0	629			
JUN	4.5	262	271	104	7	0	689			
JUL	36	200	266	110	48	2	662			
AUG	69	211	232	185	3.0	2	729			
SEP	162	263	169	7.7	1	٥	672			
OCT	190	288	125	22	4	1	630			
NOV	329	204	39	10	1	0	583			
DEC	185	372	53	22	3	O	635			
YEAR	1855	3720	1507	550	95	5	7732			
FREQUENCY	DISTRIBUTIO	ON BY PERCE	NTILES							
	PERCENT OF DATA VALID	MIN	10	FREQUE	CONCENTRA NCY DISTRIBU 70	TIONS TION, PERCEN 90 95	98	99	MAX	ARITH MEAN
	88	0	0 4	1.2 1.8	2.9	5 6 7 5	9 4	10.5	1.5	3.0

	POLLL	JTANT	- TOT	AL O	CIDANTS	3			626 8	***		*******			- PAR	TS PE		DREDM							
	STATI	ON -	MACDO	NALD	GDNS.	отт	AWA		NO	51001				NTH		73									
HOUR DAY 1 2 3 4 5 6 7 8 9	1 0 0 0 0 0 0 0 1 1 0 0	1 0 0 0 0 0 1 1 0	3 0 0 0 0 0 0 0 1 1 0	4 0 0 0 0 0 0 0 0 0 1 0	5 00 00 00 00 10	6 0 0 0 1 0 0 0 0 1 0	7 0 0 0 1 0 0 0 1 0	8 0 1 1 1 0 0 0	9 0 0 1 1 1 0 0 0 0	10 0 0 2 1 1 0 0	11 0 0 1 1 1 0 0 0 0 0 ****	12	13 0 0 0 1 0 0 0	14		16 0 0 0 0 0 0 1 0 0	0 0 0 0 0 1 0 0 0	18	19 0 0 0 1 0 0 0 1	20 0 0 0 0 0 0 0	21 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	23	000000000000000000000000000000000000000	0 0 0 1 0 0 0 1 0 0
11 12 13 14 15 16 17 18 19	0021122342	0 0 1 1 1 1 3 4	0 0 1 1 1 2 1 2 3 1	0 0 1 1 1 2 1 2 3 1	0 0 1 0 1 1 1 2 2	0 0 1 0 0 1 1 1	0000011122	0 1 0 0 1 2 2 2 6 2	0 1 1 0 1 3 4 3 8 2	0 1 1 0 1 2 4 3 6 2	0 1 0 0 1 2 3 2 3 2	0 1 0 0 1 2 2 2 2 2 2 2	00112222			1 1 0 1 2 2 4 1 6 2	0 1 1 2 2 4 2 4 2 4 2	0 1 1 1 2 3 5 6 6 2	1 1 2 2 3 9 6 2	1 1 2 2 3 4 3 2	0 1 1 2 2 4 6 3 2	0 2 1 1 1 2 7 4 2 2	0 1 1 1 2 2 6 7 2 2	0 2 1 1 2 2 5 4 1 2	0 1 1 1 2 3 3 4 2
21 22 23 24 25 26 27 28 29 30	2 1 2 1 2 1 2 2 1	2 1 1 1 0 1 1 2 2 0	2 1 1 1 0 1 1 1 2 0	20110011100	1 1 1 0 1 1 2 2	1 0 1 1 0 1 1 2 2 1	1 1 1 1 1 1 1 2 2	1 1 1 2 3 1 2 2 1	1 1 2 1 3 5 1 2 2 2	1 1 1 1 2 2 1 2 2	1 1 1 1 2 1 2 2 1	1 1 1 2 1 2 2 2 1	1 1 2 1 2 1 2 2 1	2 2 1 2 1 2 1 2 2		1 **** 2 2 1 2 2 2 2 2 2	3 1 2 2 2 2 2	2 2 3 1 3 3 1 1 1 2	2 1 2 1 3 3 1 1 1 2	2 1 2 1 5 3 1 2 2 2	2 1 1 5 3 1 1 2 2	2 1 1 7 2 1 1	2 1 1 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 5 2 1 2	2 1 1 2 2 1 2 2 2
31												- 0	ATA	MISS	ING -										
MEAN	1	1	1	1	1	1	1	1	2	1	1	1	1	2	3 5 5 5	1	1	2	2	1	1	1	1	1	1

PERCENTAGE OF DATA VALID - 87

						ONT	ARIO	MINIS	STRY	OF 1	THE E	ENVIR	ONMEN	IT	AIR N	ANAGEN	MENT	BRANCH	Н						
	POLI	UTAN	т - т	OTAL (	OXIDAN	ITS							U	NITS	- PAF	TS PER	R HUND	REDMI	LLION						
	STAT	TION -	MACI	DONAL	GDNS	. 01	TTAWA		N	5100	) 1		М	ONTH	FEB	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1	4 15	16	17	18	19	20	21	22	23	24 MEA	N
DAY 1 2 3 4 5 6 7 8 9	* * * * * 1 1 1 1 2	* * * * * * 1 1 1 1 1 1 1 1 1 1 1 1 1 1	" " " " " " " " " " " " " " " " " " "	0 0 0 0 1 1 1 1	1 1 2	1 1 2		1 1 2 1	2 1 2 2	0 0 0 0 2 1 2 2	2 1 2 2		DATA DATA DATA	MIS MIS MIS MIS	SING - SING - SING - SING - SING -	1 2 2	0 2 2 2 2 2	0 2 2 1 1	02221	0 3 2 3 2	0 3 2 1 2	0 3 2 1 2	0 2 2 1 1	0 ° * ° 1 1 1 2 1	
11 12 13 14 15 16 17 18 19	1 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 2 2 2 3 2 2	1 1 1 1 2 2 1 2 2 2	1 1 2 1 2 2 2 3 2 2	1 1 2 2 2 2 3 2 2	1 1 2 2 2 2 3 2 2 2	1 1 1 2 2 2 1 2 2 2	1123322223	1 4 6 3 2 2 2 3 4	1 1 4 8 3 2 2 2 3 4	2 1 3 5 3 2 2 2 3 3	2236322233	2227222223	# 15-0	2 0000 6 1000 2 0000 2 0000 2 0000 2 0000	2322233	1 1 2 3 2 2 2 3 3 3	1222221333	1222321332	3322321332	2322321332	2422332332	2222322332	33223322332	1223322333
21 22 23 24 25 26 27 28	12232221	12222221	1 2 2 2 2 2 2 1	1 2 2 2 1 2 1	2 2 2 2 2 1 2 1	2 2 2 2 1 2 1	22232221	22332222	23333322	23333223	223333223	2 3 4 3 3 2 3	3 3 3 3 2 3 2		3 0 0 0 0 3 0 0 0 0 3 0 0 0 0 3 0 0 0 0 2 0 0 0 0 3 0 0 0 0	223222	32232222	NNNNNNNN	22232213	22232223	22232222	22232223	22232212	22332212	22232222
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2			~	•		^				14.		_

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - TOTAL OXIDANTS MONTH MAR 73 NO 51001 OTTAWA STATION - MACDONALD GDNS 24 MEAN HOUR DAY 1 2 3 4 5 6 7 2 2 2 3 2 3 2 9 10 0 11 0 0 12 13 14 15 16 17 18 19 20 SUNDOUNDER 5 1. 1. 0 1 2 1 2 2 1 2 1 3 2 22 23 24 25 26 27 28 29 30 0 0 0 0 0 0 0 0 4 5 4 3 4 3 0.000 0000 MEAN 

PERCENTAGE OF DATA VALID -

PERCENTAGE OF DATA VALID

						ONTAR	IO M	MINIST	RY C	)F TH	IE EI	NVIRO				ANAGEMI		BRANCH							
	POLLU'								NO	E 1 0 0 1				NTH A		73									
	STATIO					OTT				51001		12	13	14	15	16	1.7	1.8	19	20	21	22	23	24 M	MEAN
HOUR DAY 1 2 3 4 5 6 7 8 9	1 1 3 3 2 3 1 3 3 3 3 3	2 1 3 3 2 3 1 3 3 3 3	3 1 3 3 2 3 1 3 3 3 3	4 1 3 3 2 2 1 3 3 3 3	5 1332213333	6 1332213334	7 1332213334	8 23322233334	9 2333223333	10	3432333333	3 4 3 2	3 4 3 2	4 3 3 2		0.0.0	4 3 3 2 3 3 4 4 4 3 3	4 3 3 2 3 3 4 4 4 3 3	4332233433	3332233433	4333233433	43330033433	3323233433	3 3 2 3 2 2 3 3 3 3 3 3 3	3332223333
11 12 13 14 15 16 17 18	4 2 2 1 1 2 2 1	4 3 2 2 1 1 2 1 1	4 3 2 2 1 1 2	3 3 2 1 1 2 1 2 1 2	3 3 2 1 1 2 1 2 1 2	332111112	3321211122	4322221122	3322222222	3422332222	3322342232	3323442333	4 2 3 4 4 4 3 3 2	4 2 3 4 4 3 3 2	2 9 0 3 16 5 8 5 76 16 8 20 3 1 3 1 3		3 2 2 4 3 2 2 2 3	3 2 2 4 3 1 2 2 3	3 3 1 2 3 3 1 1 1 1 3	2 1 1 3 3 1 1 1 3	3 2 1 1 2 3 1 1 2 2	2 2 2 1 2 3 1 1 1 2	2221232112	2221222112	3322222222
21 22 23 24 25 26 27 28 29 30	2 1 1 2 1 1 1 1 1 1 1	2 1 1 2 1 1 1 1 1	2 1 0 2 1 1 1 1 1	2 1 0 2 1 1 1 1 1 1 1 1 1	2 1 1 0 2 1 1 1 1 1 1 1	2 1 1 2 1 1 1 1 1 1	2 1 1 2 1 1 1 1 1	211121111111111111111111111111111111111	2111221111	2111221111	3 1 1 3 2 1 1 1 1	4 1 1 2 3 2 1 1 1 1	4 1 2 2 2 1 1 1	4 1 2 2 2 2 2 1 1	10-10-0 10-10-0 10-10-0 2		3 1 1 1 2 2 1	3 1 1 2 2 1 1 1 1 1 1	3 1 1 1 2 1 1 1 1 1	311111111111111111111111111111111111111	2 1 1 2 1 1 1 1 1	2 1 1 2 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 1 2 1 1 1 1 1 1
MEAN	2	2	2	2	2	2	2	2	2	2	2	3	3	3	1	1	2	2	2	2	2	2	2	2	2

POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION STATION - MACDONALD GDNS OTTAWA NO 51001 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 14 15 16 21 22 24 MEAN 2 2 \*\*\*\* 1 1 1 1 1 1 1 1 1 1 1 DATA MISSING -DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 1 0 1 1 0 1 1 1 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1 ó 22 23 24 25 26 27 28 29 30 1 0 0 1 1 1 0 0 1 1 0 0 1 DATA MISSING DATA MISSING 0 .... 

PERCENTAGE OF DATA VALID 

MEAN

						ONTA	OIRA	MINISTR	Y (	OF TH	E E	NVIRO	NMENT	- A	R M	ANAGEN	MENT	BRANC	H						
	POLLU	TANT	- TO	TAL C	XIDAN	TS							UN	ITS	PAR	TS PEF	R HUND	REDMI	LLION						
	STATI	ON -	MACD	ONALD	GDNS	. 01	TAWA		NO	51001			МС	NTH .	JUN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 0 0 0 1 1 1 2	0000	1 0 0 0 1 1 1	1 1 0 0 0 0 1 1 1 2 0	0000	0000	0000	1 0 0 0 1 0 1 0	1 1 0 0 1 1 0	1 1 0 1 1 1 1 1 0 0	1 1 1 1 1 0	1 1 1 1 1 1 1 1 1	1 1 1 0 1 2 1 1	1 1 1 1 0 1 2 1	1		1 1 1 0 0 1 1 1 1 0 0	1 1 1 0 1 1 1 2 1 0	1 1 0 1 1 1 2 1 0	1 1 1 0 1 1 2 2 1	1 0 1 0 1 1 1 1 2 1 0	0 0 1 0 1 1 1 2 1 0	0 1 1 0 1 1 1 2 1 0	0 1 0 0 1 1 1 2 1 0	1 1 0 1 1 1 1 1
11 12 13 14 15 16 17 18 19 20	0 0 1 1 0 0 0	00001000100	1 1 0 1 0 0 0 1 0 0	1 1 1 0 0 0 1 0 0	1 1 0 0 0 0 0 1 1 1	000000000000000000000000000000000000000	1 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 1 1 0 0 0 0 0 0 0 0 0 0	0 1 1 1 0 0 0 0	0 1 1 0 0 0 0 1 1	1 1 0 0 0 0 0	0 1 1 0 0 0 1 1 1 1	1 1 1 0 0 0 1	1 1 1 0 0 0 1		1 1 1 0 0 0 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 0 1 1 1 1 1	0 1 1 0 0 1 0	0 0 0 0 0 0 0 0	0 0 0 0 0 1 0 1 1	0 0 0 0 0 0 1 0	0000001001	0 1 1 1 0 0 0 0
21 22 23 24 25 26 27	1 0 0 0	1 0 0 0	0 0 0	0 0 0 0	1 0 0 0	0 0 0 0	0 0 0 0	1 0 0 0	1 0 0	1 1 0 1	1 1 0 1	1	1 1 1 1	1 1 1		1 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1	0 0 0 0	0 0 0 0	0 0 0 1	0 0 0 1	1 0 0 1
27 28 29 30	2 1 0	2 0 0	2 0 1	2 0 1	2 0 1	1 0 1	1 0 0	2 0 0	2 0	0 2 0 0	0 1 0 1	0 1 0 1	DATA 0 1 0 2	MISSI 0 1 1 2	9 0 1 0 9 0 1 0 9 0 1 0 9 0 1 0	2 1 0 1	3 0 1 1	3 1 0 1	3 0 ••••	3 0	3 1 : a : a	3	2 1 0 1	2 1 0	1 0 1
MEAN	1	0	1	1	1	0	0	0	0	1	1	1	1	1	4		1	4	1	,	1	1	4	4	

	POLLL	JTANT	- TO	TAL OX	IDAN	ONTA	RIO	MINIS	TRY	OF T	HE E	NVIRO				ANAGEN		BRANC REDMI		ı					
				ONALD			TAWA		NO	5100	1		MC	HTMC	JUL	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1.5	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9 10	1 1 0 1 0	2 1 0 1 0 1	2 1 1 0 1 0 1	1. 0 1 0 1 0	010102	20100002	2 0 1 0 0 0 1	2010002	2 1 1 0 0 2	1 1 1 1 0 0 3	1 1 0 0 0 3	121	DATA	1 1 1 0 0 2 MISS MISS	ING -	0 0 0 0 0 0 0 0	1 1 0 1 0 0 0 0 0 0 0	1 1 0 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0 1	0 1 1 0 0 0 1	1 1 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 1	0 1 0 0 0 1	0 1 0 0 0 1 0 0 1	1 1 0 0 0 0 0 0 0 0 0
11 12 13 14 15 16 17 18 19	0 0 1 0	0 0 1 0	1 0 1 0 0 0 0 0 0	1 0 1 0 0 0 0 0	1 0 1 0 0 0 0 0	0 0 1 0 0 0 0	000000000000000000000000000000000000000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 1 0 0 0 4 3	1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 1 1	1 1 0 0 1 1 1 1 1 1	1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0 1 0 0 0 0 1 1 1	0010000011	0 1 1 0 0 0 0 0 1	0 1 1 0 0 0 0 0 0	0 0 1 0 0 1 0	001000000	0 0 1 0 0 0 0 0 0 0 0 0 0	0 0 1 0 0 0	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	0 0 0 0 0 1 1 1 1 0 0	0000011	0 0 0 0 1 1 1 0	0000001	0000001	000000000000000000000000000000000000000	00000	0 0 1 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 0 0 0	0 0 1 1 1 0 0 0 0 0	0 0 1 1 0 0 0 1	0 1 1 1 1 1 1 0 1 0 1	0 0 1 1 0 0 1	3 (2)	0 1 8 0 1 4 0 0 2 6 1 7 1 0 6 3 1 0 6 3 0 2 6 0 0 3 6 0	1 1 1 1 0 0 0	1 0	0 1 1 1 1 1 1 0 0		000000000000000000000000000000000000000	0 0 0 1 1 0 0 0	0 0 0 1 1 0 0 0 0 0 0 0	0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
31	0	0	0	0	0	0	0	0	0	1		8.8	(76)	1.0	40.0	(8) 15	0 # 3 5	4	4	2	3	3	2	2	1.
MEAN	0	0	0	0	0	.0	0	0	0	4	1	1	1	1	1	1	1		1	0	1	0	0	0	0

PERCENTAGE OF DATA VALID - 75

	POLLU	TANT	- TOT	AL OX	C IDANTS		0	MINIST	TRY (	F TH	HE EN	NVIRO		r - AIR NITS -				BRANCI REDMI							
	STATI					OTTA	AWA		NO	51001	h.		MC	ONTH AU	G	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	1.6	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	2 3 2 2 2 5 4 6 4 3	1 4 2 2 2 6 4 6 3 4	1522274634	- 50000004544	2 4 2 2 7 5 4 3 4	24222755544	2422265654	1 4 3 2 3 6 5 6 5 4	2442356754	2442357754	2452358754	2553458855	3653457865	3 7 5 4 4 7 7	4 7 5 4 4 6 7 5 5	11 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3553457556	3 4 4 3 5 5 7 5 5 6	3 4 4 3 5 5 6 5 5 6	33445555545	3343455645	33434555545	2233456546	2233556445	2 4 4 3 3 6 6 6 6 4 5
11 12 13 14 15 16 17 18 19 20	5422322233	5422222233	5 4 2 2 2 2 2 2 3 3	5322222122	542222122	432222122	432232222	4000000000	4 3 3 4 4 2 3 3	53332433334	6334343345	6 4 3 4 3 5 3 6 6			5434434456	6434434456	7 4 3 4 4 3 5 4 4 6	8433435445	8 4 3 3 4 3 4 3 3 5	6 3 3 4 4 3 4 4 3 4 4 3 4	5 3 3 3 4 4 4 3 4	53333333334	5 3 3 3 3 3 2 3 2 4	4 2 2 3 2 2 2 3 3 5	53333333334
21 22 23 24 25 26 27 28 29 30	5 2 4	5 2 3	4 3 3	4 3 3	4 3 3	4 3 4	4 3 4	576	5 3	6 3	6 3	6	DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	NG - NG - NG - NG -	633	6 4 • • • •	5 4 ****	3 4	2 4 ****	2 4	2 4	2 4	2 4	4 3 ****
31												-	DATA	MISSIM	NG -										
MEAN	3	3	3	3	3	3	3	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	3	4

					•	JIN I AIT.	LO W	INISH	n 0	ir in	C C	AATU	NAMEIA	1 - MI	n w	ANAG	EME	NI D	MANC	,m						
	POLL	UTANT	- TOT	AL OX	CIDANTS	S							U	NITS -	PAR	TS P	ER	HUNDR	EDMI	LLIO	N					
	STAT	ION -	MACDO	NALD	GDNS	OTTA	AWA		NO	51001			M	ONTH S	EP	73										
HOUR DAY 1 2 3 4 5 6 7 8 9	1	\$	3	4	5	6	7	8	9	10	11	2 2 2 4 4 4	DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -		6	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19	1 3 2 1	1 2 2 1	1 2 2 1	1 2 2 1	1 2 2 1	2 2 2 1	3 3 2 2	3 4 2 3	3 4 2 2	3 3 3 2	3 4 3 2	2 4 3 2	DATA 3 4 4 3 DATA DATA DATA	MISSI MISSI 4 5 3 MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG -	10 O II	ř.	3 6 4 3	3 5 4 2	5 5 <b>4</b>	10 4 3	8 3 3	7 3 3	3333	3 3 2	33332
21 22 23 24 25 26 27 28 29 30												7. 7. 7. 7. 8.	DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -											
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	4	4	3		3	4	4	5	6	5	4	3	3	3

PERCENTAGE OF DATA VALID - 11

						ONTAR	RIO N	INIST	RY .	OF TH	HE EI	NVIRO	NMENT	- AI	R MA	NAGEM	ENT I	BRANC	н						
	POLL	JTANT	- TO	TAL O	XIDANI	rs							UN	ITS -	PART	S PER	HUNDI	REDMI	LLION						
	STAT	ON -	MACDO	DIANC	GDNS	OTT	AWA		NO	51001			MC	NTH O	СТ	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2	didnoter a	600	a d n	0 0 0 0	garge-sa-ag	gii ka -	opinge is	- a = g	and a			***	DATA	MISSI		0 1 2	7	6	5	5	4	4	3	3	0.0.0
3 4	3	2	2	2	2	2	3	4	3	4	3 5	3	3	-	0.00	3	3	3	3	3	4	4	3	3	3
5 6	3	3	3	3 2	2 2 2	2	3	4 3 2	5	3 3	3	3	3	3	4.8	3	4 3	4	4	<b>4</b> 5	<b>4</b> 5	3 7	3 9 7	3 6	3
7 8	6 4	4	4	3	3	3	3	2 3	3	3	3 2 5	3	3	3	1 8 5	3	3	4 4	6 7	10	9	7	7 8	6 7	<b>4</b> 5
9 10	3	3	3	3	3	2	5	7 3	6	5	5	5	4	4		5	4	4	6		5	4	4	3	5
11 12 13													DATA	MISSI MISSI MISSI	NG -										
1 4 1 5														MISSI MISSI											
16 17	1	1	1	1	1	2	4	4	2	7 0 1 3		8	7	6	5 2	4	3	3	3	2	2	2	****		3
18 19 20	2 2 2	2 2	2 2	2 2 2	2 2 2	2 2 2	3 4 2	3 4 2	5 5 2	3 6 2	2 3 2	3	3	3	3	2 3 3	3 2 3 3	3 2 3 3	2 2 3 3	3 3 2	3 4 2	3	3	****	2
21	2	2	_			2	2	3	2	2			-	-			-	3	1.77	2					2
22	3	3	3	3	3	3	4	4	4	5	8	2 6 4	2 3 3	3	3	4	5	5	4	4	3	4		0.00	3 4
24	4	3	2 2	2	2	2	2 2	3	5	3	3	3	2	2	7 2	7	5	4	3	3	6 2	2	0000	0000	3
25 26 27	2	2	2	2	2	2	3 2	5	4 2	3	2 2	2 2 2	2 2	2 2	2 2	2 2	2 2	2	1 2	1 2	1 2	190	0000	0000	2
28 29	1 2	1 2	1	1	1	1	1	2	2	2	2	2	3	3	3	3	3	3	3	2	2	2	2		2
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	i	i	i	6 6 6 6	0.0.0.0	1
31	1	1	1	1	1	0	1	2	2	2	1	1			2	2	2	4	3	3	2	2	2	6.0.6.0	2
MEAN	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	4	4	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

						ONTAF	810 I	MINIS	RY C	)F IF	1E E	WINC				MAGEN		D. 1. 1. 10							
	POLLU	TANT	- TOT	AL OX	IDANT	S							UN	IITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	MACDO	NALD	GDNS	OTT	AWA		NO	51001	1		MC	N HTM	OV	73								200	100000000000000000000000000000000000000
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	1.4	15	1.6	17	18	19	20	21	22	23		MEAN
DAY 1 2 3 4 5 6 7 8 9	2 2 2 2 2 2 2 1 1	2223122023	2223122023	2 2 2 3 1 2 2 1 2	2 1 3 1 2 2 1 2	2 2 1 3 1 2 2 1 2	2 2 1 3 2 2 1 2 2	3 3 1 3 2 3 2 1 2 2 1 2	33113233312	2311323312	332333322	322323322				3 3 3 4 3 3 1 5 2	232333322	232333823	2 33 33 2 6 2 3	233332513	233322223	2 2 3 3 2 2 2 1 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 2 3 2 2 2 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		2323224
11 12 13 14 15 16 17 18 19 20	0 0 0 0 0	0 0 0 0 0	1 0 0 0	1 0 0 0	1 0 0 0	1 1 0 0 0	1 1 0 0 0	1 0 0 0 1	1 0 0 0 1	1 1 1 0 0	O 1 1 1 0 1	0 1 1 1 0 2	DATA	MISSI MISSI MISSI MISSI 0 1 1 0 0 2	NG -	1 0 1 0 0 2	1 0 1 0 0 2	0 0 1 0 0 3	0 0 0 0 0 2	1 0 1 0 0	1 0 1 0 0	1 1 0 0 0	1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0
21 22 23 24 25 26 27 28 29	000000000000000000000000000000000000000	0000000000	00000	00001000000	0000100000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	010010000	0 1 0 0 0 0 0 0 0 0	0 1 1 0 0 1 0 1 0 1	0 1 1 0 1 0 0 1 1	0100001001	0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	01110000	0 1 0 0 0 1 1 0 0 0 0 0 1	0 1 0 0 0 0 1	1 3 0 0 0 0 1 1 0 0	1 3 1 0 0 0 1 1 0 0	1 2 1 0 0 0 1 1 1 0	1 2 1 0 0 0 1 0 0 1	0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1	1 2 1 0 0 0 0 0 0 1 1	1 0 0 0 0 0 0 0 0 0 0 0 1 1	0 0 0 0 0 0 0 0 0 0 0 0	0
MEAN	1	1	1	10	4	3		- 0				1													

PERCENTAGE OF DATA VALID - 78

FTR FNTAGE OF DATA VALID 93

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
	POLLUTANT - TOTAL OXIDANTS UNITS - PARTS PER HUNDREDMILLION																								
	STATI						OTTAWA NO 51001							MONTH DEC 73											
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	0 1 1 1 0 0 0 0	1 1 1 0 0 0 1 1 0	1 1 1 1 0 0 0 0 1	1 1 1 0 0 0 1 1 0 0 0	1 1 0 0 1 1 0 0 0	1 1 1 0 0 0 1 1 0 0 0	1 1 1 0 0 1	1 1 2 0 0 1 1 1 0 1	1 1 2 0 0 1 1 0 1	1 0 1 3 0 0 1 1 0 1	1 1 1 0 1 0 1	1 1 1 0 1 0 1 0	1 1 0 0 0 0 1 0 1	1 1 1 0 0 0 0 1	1 1 0 0 0 0 0 1 0 1	1 1 0 0 0 0 1	1 1 0 0 0 0 0 1 0 1	1 1 0 0 0 1 1 0 1	1 1 0 0 0 0 0	1 1 0 0 0 0 1 1 0 1	01100001100	0 1 1 0 0 1 0 0 0	0 1 0 1 0 1 1 0		1 1 0 0 0 1 0
11 12 13 14 15 16 17 18 19 20	1 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 0 0 1 0 0 0 0	010001000	0 1 0 0 0 1 0 0 0 0	0000010000	0000000000	0000000000	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	010000000	1000000000	0 0000000	0: 00000000	0-00000000	0 1 0 0 0 0 0 0	0 1 1 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0	0 1 0 0 0 0 0 0 0	010000000	0 0 0 0 0 0 0			000000000000000000000000000000000000000
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31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	2000	
MEAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0000	٥ .

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# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

MONTHEL SUMMANT OF HOUSET AND 2-HOURET DA

STATION - MACDONALD GDNS. OTTAWA NO 51001

POLLUTANT - T	OTAL OXIDANTS			UNITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30		4	9
FEB	23	2	3	8
MAR	31	2	4	10
APR	30	2	3	4
MAY	16	1	1	3
JUN	29	1	1	3
JUL	28	0	1	4
AUG	23	4	F	8
SEP	4	3	3	10
OCT	25	3	5	10
NOV	26	Ĭ	4	15
DEC	31	0	1	3
YEAR	296	2	6	15

	Y	ONTARI	O MINISTRY	OF THE	ENVIRONMENT	- AIR MANAG	SEMENT BRA	NCH		
MONTHLY G	ROUP FREQUE	ENCY CLASSIF	ICATION FOR	73						
POLLUTANT	- TOTAL O	KIDANTS			UNIT	- PARTS PER	HUNDREDMIL	LION		
STATION -	MACDONALD	GDNS OTTA	WA	NO 51001						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 14	15 &OVER	TOTAL			
JAN	458	162	25	6	0	0	651			
FEB	110	385	10	2	0	0	507			
MAR	7.6	489	87	7	0	0	659			
APR	245	370	41	0	0	٥	656			
MAY	303	12	0	0	ō	0	315			
JUN	592	33	0	0	0	0	625			
JUL	542	20	2	0	O	0	564			
AUG	7	228	245	23	Ō	0	503			
SEP	11	54	16	3	0	0	84			
OCT	85	303	111	20	0	0	519			
NOV	372	184	6	1	ð.	1	565			
DEC	694	3	0	0	O	0	697			
YEAR	3495	2243	543	6.2	.1	it.	6345			
ERECHENCY	DISTRIBUTE	ON BY PERCE	NTTI ES							
THE GOLIVET	PERCENT	ON BI FENCE	NITLES		CONCENTRA	TTONG				
	OF DATA VALID	MIN	10 3	FREQUEI 0 50	CONCENTRA NCY DISTRIBU 70	TIONS TION, PERCENT 90 95	98	99	MAX	ARITH MEAN
	72	0	0.2 0	. 5 0.9	1 7	3.0 3.9	5 1	6 0	15	1.6

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - TOTAL OXIDANTS MONTH JAN 73 STATION - MEMORIAL PK.CORNWALL NO 56051 24 MEAN 6 7 12 13 14 15 HOUR DAY 1 2 3 4 5 6 7 8 9 3 4 5 DATA MISSING DATA MISSING DATA MISSING DATA MISSING 0 0 1 1 0 1 1 1 1 1 2 1 1 1 1 0 1 1 3 2 2 1 4 2 2 1 2 3 2 2 3 2 1 2 12 2 2 2 2 2 13 2 2 

PERCENTAGE OF DATA VALID 

MEAN

						ONTA	ARIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AIF	R MAI	NAGEME	ENT E	BRANCH	4						
	POLL	UTANT	- TO	TAL (	AAGIX	TS							UNI	TS -	PART:	S PER	HUNDF	REDMI	LION						
	STAT	ION -	MEMO	RIAL	PK,CC	RNWAL	LL		NO	5605	in .		MON	ITH FE	В	73									
HOUR	1	2	3	4	5	6	7	8	9	1.0	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
DAY 1 2 3 4 5 6 7 8 9	3 6 2 3 4 1 2 2 2	* * * 330050000	3 2 2 3 5 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 2 2 3 4 2 2 2 2 2 2 2	322331222	3223331222		32 22 33 33 22 33 22 32 23	32233333332	3 2 2 3 4 3 3 3 2 2	322242322	3 4 2 2 2 4 3 3 2 2	4 1 2 2 4 4 4 2 3	4 4 2 2 3 4 4 4 2 3	4 4 2 2 3 4 4 3 1 3	4522334323	5523336323	44223336333	4422335333	5322335333	4 3 2 2 4 3 5 3 3 2	4432435332	4 4 3 3 4 3 4 3 2 2 2	4 6 2 3 3 2 2 3 2 2 3	4 2 2 3 3 3 3 3 2 2 2
11 12 13 14 15 16 17 18 19 20	3 3 4 3 4 1 1	3 3 4 3 4 1 1	33334	2 3 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 2 4 1 1 1		3 3 6 4 1 1	3 3 6 4 1 0 1		3 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 2 3 3 2 1 2 1 2 1	3 3 4 * * * * * * 2 1 2 1	4 3 4 3 1 1 1 1 2	4 2 4 3 1 1 1 1 2 2	4 4 4 1 1 1 2 2	3 3 4 4 1 1 1 1 2 2	3 4 4 4 1 1 1 1 2 2	3 4 4 4 0 1 1 1 2 2	4 4 4 0 1 1 1 2 2	4 4 3 4 0 1 1 1 1 2	4 4 3 4 1 1 1 1 2	4 4 3 4 1 1 1 1 2	3 3 4 1 1 1 1 1 1 1	3 3 4 2 1 1 1 1 2
21 22 23 24 25 26 27 28	1 1 1 1 1 1 2	1 2 1 1 2 1 1	1 2 1 1 2 2 2 1 2	1 2 1 1 1 3 1 1	1 2 1 1 2 3 0	1 2 1 1 2 2 1 1	1 1 0 1 1 1 1 1	1 1 1 1 1 2 1 1 1 1	1 1 1 1 1 2 0 2	1 1 1 1 1 1 1 1 1	1 1 2 1 1 1	1 2 2 1 1 1 1 0	1 1 2 1 1 1 1	1 1 2 0 1 1 2	2 1 2 1 0 1 2 1	1 2 1 0 1 2	1 2 1 1 2 2 1	2 1 2 1 1 2 2 2 2	2 2 2 1 1 2 2 2	2 2 2 1 1 2 2 2	22221222	2 1 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 1 2 1 2 1 2	2 1 2 1 2 1 2	1 1 2 1 1 2 1
MEAN	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

	POLL	UTAN	T - T	OTAL	OXIDA	NTS							U	NITS	- PAR	TS PE	R HUND	DREDMI	LLIO	N .					
	STAT	ION	MEM	ORIAL	PK,C	ORNWA	LL		N	0 5605	51		M	ONTH N	MAR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
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# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - MEMORIAL PK CORNWALL

SEP

OCT

NOV

DEC

YEAR

NO 56051

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - TOTAL OXIDANTS MAXIMUM READING AVERAGE CONC. 24-HOUR MAXIMUM MONTH DAYS OF VALID DATA JAN FEB MAR APR MAY JUN JUL AUG 

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - TOTAL OXIDANTS STATION - MEMORIAL PK. CORNWALL NO 56051 TOTAL 00 TO 01 02 TO 03 04 TO 06 07 TO 10 11 TO 14 15 &OVER JAN FEB MAR APR MAY n JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT CONCENTRATIONS ARITH FREQUENCY DISTRIBUTION. PERCENT OF DATA VALID MAX MTN 4.0 4.8 1.4 0 2 0.5 1 4 2.6 3.3 0.8

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLI	LUTAN	r - C	ARBON	MONOX	IDE							U	NITS -	PART	S PEF	R MILL	ION							
	STA	TION	471	UNIVE	RSITY	WIND	SOR 0	AMST	N	1200	80		MC	ONTH J	IAN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 2 6 3 2 0 1 3 2 3 2 3	3 1 5 2 1 1 1 2 2 3	2 1 3 2 1 1 1 2 2 3	2 1 4 2 1 1 1 2 2 3	1 1 3 2 1 0 3 1 1 3	2 1 2 3 2 0 2 0 2 4	2 1 2 3 2 2 1 1 2 4	13333322225	2653352334	1433252222	1 2 3 3 4 4 2 1 2	2 2 5 2 2 5 3 2 1	1352 254 22	1 4 6 4 2 5 4 3 2	1 4 6 3 3 5 4 3 1	3 5 4 2 4 5 3 1	3 5 5 4 3 4 4 6 3	2 6 5 3 2 4 3 3 2 2	26333133244	1 7 3 2 1 2 3 2 4	263212324 ****	1 6 2 1 1 2 2 2 3	1 7 2 1 1 2 2 2 3	1 6 2 2 1 2 2 2 2 2 3	2 4 4 3 2 3 3 2 2 2 2
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31	7	5	5	8	7	7	6	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
MEAN	3	3	3	3	3	3	3	4	4	3	3	3	4	4	4	4	5	4	4	4	4	4	4	4	4

PERCENTAGE OF DATA VALID - 59

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	POLLU	TANT	- CA	RBON N	MONOX	DE							UNI	TS -	PARTS	S PER	MILLI	ON							
	STATI	ON -	471	UNIVER	RSITY	WINDS	OR O	AMST	NO	1200	8		MON	ITH FE	В	73									
HOUR DAY	4	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
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11 12 13 14 15 16 17 18 19	3333422225	33334213335	3233421325	2233321215	2233321125	2 4 3 3 2 1 2 6	2 3 4 4 3 2 2 2 2 6	3 4 5 6 4 3 2 2 4 8	3 4 5 6 4 4 3 3 4 7	3 3 5 5 4 3 4 3 7	3 3 4 5 4 2 4 5 5 7	3 3 4 5 4 3 7 3 8 7	3 4 5 4 3 4 3 6 7	3 5 6 4 3 2 2 7	2 3 5 5 4 3 2 1 5 7	2345531168	3 4 6 6 5 4 1 1 6 8	3 4 5 6 5 4 1 2 6 8	3 5 5 5 4 2 1 1 5 7	3 4 5 4 3 2 2 1 5 6	3 5 4 3 2 2 1 6 6	3 4 5 2 1 1 1 5 5	3 3 4 4 2 1 1 1 5 5	3344222155	3 3 4 5 4 2 2 2 4 6
21 22 23 24 25 26 27 28	5 4 4 3 3 3 6	5 4 4 3 3 2 5	53433324	4 3 4 3 2 3 2 4	433333323	433333325	5 4 6 3 3 3 7	5 5 10 3 3 3 5 9	9 3 3	5 8 3 3 4 6	4 4 6 3 3 4 4 6	5 4 5 4 3 4 4	5 4 5 4 3 3 4	5 7 4 3 4 4	5 4 6 3 3 4 4 3	5 4 6 4 3 4 4	6 7 9 4 3 4 5 6	6 4 8 4 3 4 5 5	53543446	5 4 5 4 3 3 4 6	5 3 5 4 3 3 4 5	5 4 6 4 3 3 4 5	5 3 3 3 4 4	53533354	5 4 6 4 3 3 4 5
MEAN	4	3	3	3	3	3	4	5	5	5	4	4	4	4	4	4	5	5	4	4	4	4	3	4	4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER MILLION

POLLUTANT - CARBON MONOXIDE MONTH MAR STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 24 MEAN 5 8 4 8 10 4 3 6 6 4 8 7 4 8 13 5 3 7 6 7 4 5 5 5 5 4 3 7 5 4 1 2 5 6 MEAN 

PERCENTAGE OF DATA VALID -

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PERCENTAGE OF DATA VALID - 96

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	STATI 1 56444548768 08666665676 2956547558	STATION - 2 574455476886 985666655766 1086665575777	STATION - 471  1 2 3  5 57 4 4 5 5 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6	STATION - 471 UNIVER  1 2 3 4  5 5 5 5 6  6 7 7 7 7 4  4 5 5 5 4  4 5 6 6  5 5 6 6 6  6 6 6 6  7 7 6 6  8 8 6 6  8 7 7 6  8 8 6 6  8 7 7 6  8 8 6 6  8 7 7 6  8 8 6 6  9 8 7 7 7  6 6 6 6 6  7 7 6 6 6 6  7 7 7 6 6 6 6	STATION - 471 UNIVERSITY  1 2 3 4 5 5 5 5 6 6 6 6 7 7 7 7 7 7 4 4 4 4 5 5 6 6 7 6 6 6 6 7 7 6 6 6 6 6 6 8 6 6 6 6 7 7 6 8 6 6 6 6 8 7 7 7 7 7 7 8 8 8 6 6 6 6 6 8 7 7 7 7 7 7 8 8 8 6 6 6 6 6 7 8 8 6 6 6 6 6 7 8 8 6 6 6 6 6 7 8 8 8 6 6 6 6 6 7 8 8 8 6 6 6 6 6 7 8 8 8 6 6 6 6 6 7 8 8 8 7 7 7 6 6 6 6 6 6 6 6 8 7 7 6 6 6 6 6 6 6 7 8 8 9 10 9 9 8 7 7 7 7 7 8 8 9 10 9 9 8 7 7 7 7 8 8 9 10 9 9 8 7 7 7 7 8 8 9 10 9 9 8 7 7 7 7 8 8 9 10 9 5 6 6 6 6 6 6 5 8 7 7 6 6 6 6 6 5 8 7 7 7 7 7 8 8 9 7 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 7 8 8 9 7 8 8 9 7 8 8 9 7 8 8 9 7 8 8 9 7 8 8 9 7 8 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8 9 7 8	1 2 3 4 5 6 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	STATION - 471 UNIVERSITY WINDSOR O.  1 2 3 4 5 6 7  5 5 5 6 6 7 7 7 7 7 7 7 7 7 4 4 4 5 5 5 5 5 4 4 4 4	STATION         -         471         UNIVERSITY WINDSOR         OAMST           1         2         3         4         5         6         7         8           5         5         5         6         6         7         7         7         6         6         7         7         7         6         6         6         7         7         7         6         6         6         7         7         7         6         6         6         7         7         6         6         6         7         7         6         6         6         7         7         6         6         6         7         7         6         6         7         7         6         6         6         7         7         6         6         7         6         6         7         7         6         6         7         7         6         6         7         7         6         6         7         7         6         6         7         7         6         6         7         7         6         6         7         7         6         6         7         7         6 <td< td=""><td>STATION - 471 UNIVERSITY WINDSOR OAMST NO  1 2 3 4 5 6 7 8 9  5 5 5 6 6 7 7 7 6 6 6  4 4 4 4 5 5 6 6 6  4 5 5 5 8 8 9 10 8 8 8  7 6 6 6 7 7 7 6 6 6  8 7 9 8 9 10 8 7  10 9 8 7 7 7 7 6 6  8 8 6 6 6 7 7 7 6 6  8 8 7 7 7 7 6 6  8 8 6 6 6 7 7 7 6 6  8 8 7 7 6 6 6  8 8 6 6 6 7 7 7 6 6  8 8 7 7 7 8 8 9 10 8 7  10 9 8 7 7 7 9 10 8 7  6 6 6 6 6 6 7 7 7 6 7  6 6 6 6 6 6 7 7 7 7</td><td>STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008  1 2 3 4 5 6 7 8 9 10  5 5 5 6 6 7 7 7 6 6 6 6  4 4 4 4 4 5 5 6 6 6 6  4 5 5 5 6 6 7 5 5 7 6  4 4 4 4 5 5 5 8 8 8 6  5 5 5 5 4 4 4 5 5 5 8 8 8 6  8 7 6 6 6 7 8 9 10  8 8 7 7 6 6 6 7 8 9 10  8 8 6 5 6 7 7 6 6 6  8 8 6 6 7 7 6 6 6  8 8 6 6 7 7 6 6 6  8 8 6 6 7 7 6 6 6  8 8 6 6 7 7 6 6 6  8 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</td><td>STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008  1 2 3 4 5 6 7 8 9 10 11  5 5 5 6 6 7 7 7 6 6 6 6 6 6 6 6 6 6 6 6</td><td>STATION - 471 UNIVERSITY WINDSOR OAMST         NO 12008           1         2         3         4         5         6         7         8         9         10         11         12           5         5         5         6         6         7         7         7         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         7         7         6         6         6         6         7         7         6         6         6         6         7         7         6         6         6         6         6</td><td>STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008 MON  1 2 3 4 5 6 7 8 9 10 11 12 13  5 5 7 7 7 7 7 6 6 6 6 6 6 6 8  4 4 4 4 5 5 5 6 6 7 6 7 6 6 6 7 5 5 5  5 5 4 4 4 5 5 5 8 8 8 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</td><td>STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JL  1 2 3 4 5 6 7 8 9 10 11 12 13 14  5 5 5 6 6 7 7 7 6 6 6 6 6 6 8 5  4 4 4 4 5 5 5 6 6 6 7 5 5 5 6 6  5 5 4 4 4 5 5 5 8 8 6 6 7 7 7 7 7 6  8 7 6 6 7 7 7 7 6 6 6 6 6 7 6  5 8 7 8 9 10 8 7 7 7 7 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7</td><td>STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008 MONTH JUN  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  5 5 7 6 6 6 7 7 7 6 6 6 6 6 6 6 8 5 5  4 4 4 4 5 5 5 6 6 6 7 6 7 6 7  5 5 5 4 4 4 4 5 5 5 5 6 6 6 6 7 6 7  5 6 6 7 7 7 7 7 6 6 6 6 7 6 7  5 7 8 8 9 10 11 12 13 14 15  6 7 7 7 7 7 7 7 6 6 6 6 6 6 6 7 6 7  6 8 7 8 9 10 8 7 7 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7</td><td>STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008</td><td>STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17  5 5 5 6 6 7 7 7 7 6 6 6 6 6 6 6 8 5 5 5 5 5 5 6 6 6 6 6 6</td><td>STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008</td><td>STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008</td><td>STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  5 5 5 5 6 6 6 7 7 7 6 6 6 6 6 6 6 6 6 6</td><td>STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 15 5 5 6 6 7 7 7 7 6 6 6 6 6 6 6 6 6 6 6</td><td>STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6</td><td>STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 15 5 5 6 6 6 7 7 7 6 6 6 6 6 6 6 6 6 6 6</td><td>STATION - 471 UNIVERSITY WINDSOR OAWST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 N  5 5 7 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6</td></td<>	STATION - 471 UNIVERSITY WINDSOR OAMST NO  1 2 3 4 5 6 7 8 9  5 5 5 6 6 7 7 7 6 6 6  4 4 4 4 5 5 6 6 6  4 5 5 5 8 8 9 10 8 8 8  7 6 6 6 7 7 7 6 6 6  8 7 9 8 9 10 8 7  10 9 8 7 7 7 7 6 6  8 8 6 6 6 7 7 7 6 6  8 8 7 7 7 7 6 6  8 8 6 6 6 7 7 7 6 6  8 8 7 7 6 6 6  8 8 6 6 6 7 7 7 6 6  8 8 7 7 7 8 8 9 10 8 7  10 9 8 7 7 7 9 10 8 7  6 6 6 6 6 6 7 7 7 6 7  6 6 6 6 6 6 7 7 7 7	STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008  1 2 3 4 5 6 7 8 9 10  5 5 5 6 6 7 7 7 6 6 6 6  4 4 4 4 4 5 5 6 6 6 6  4 5 5 5 6 6 7 5 5 7 6  4 4 4 4 5 5 5 8 8 8 6  5 5 5 5 4 4 4 5 5 5 8 8 8 6  8 7 6 6 6 7 8 9 10  8 8 7 7 6 6 6 7 8 9 10  8 8 6 5 6 7 7 6 6 6  8 8 6 6 7 7 6 6 6  8 8 6 6 7 7 6 6 6  8 8 6 6 7 7 6 6 6  8 8 6 6 7 7 6 6 6  8 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008  1 2 3 4 5 6 7 8 9 10 11  5 5 5 6 6 7 7 7 6 6 6 6 6 6 6 6 6 6 6 6	STATION - 471 UNIVERSITY WINDSOR OAMST         NO 12008           1         2         3         4         5         6         7         8         9         10         11         12           5         5         5         6         6         7         7         7         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         7         7         6         6         6         6         7         7         6         6         6         6         7         7         6         6         6         6         6	STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008 MON  1 2 3 4 5 6 7 8 9 10 11 12 13  5 5 7 7 7 7 7 6 6 6 6 6 6 6 8  4 4 4 4 5 5 5 6 6 7 6 7 6 6 6 7 5 5 5  5 5 4 4 4 5 5 5 8 8 8 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JL  1 2 3 4 5 6 7 8 9 10 11 12 13 14  5 5 5 6 6 7 7 7 6 6 6 6 6 6 8 5  4 4 4 4 5 5 5 6 6 6 7 5 5 5 6 6  5 5 4 4 4 5 5 5 8 8 6 6 7 7 7 7 7 6  8 7 6 6 7 7 7 7 6 6 6 6 6 7 6  5 8 7 8 9 10 8 7 7 7 7 6 6 6 6 6 7 7 7 7 7 7 7 7 7 7	STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008 MONTH JUN  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  5 5 7 6 6 6 7 7 7 6 6 6 6 6 6 6 8 5 5  4 4 4 4 5 5 5 6 6 6 7 6 7 6 7  5 5 5 4 4 4 4 5 5 5 5 6 6 6 6 7 6 7  5 6 6 7 7 7 7 7 6 6 6 6 7 6 7  5 7 8 8 9 10 11 12 13 14 15  6 7 7 7 7 7 7 7 6 6 6 6 6 6 6 7 6 7  6 8 7 8 9 10 8 7 7 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 8 8 8 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008	STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17  5 5 5 6 6 7 7 7 7 6 6 6 6 6 6 6 8 5 5 5 5 5 5 6 6 6 6 6 6	STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008	STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008	STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20  5 5 5 5 6 6 6 7 7 7 6 6 6 6 6 6 6 6 6 6	STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 15 5 5 6 6 7 7 7 7 6 6 6 6 6 6 6 6 6 6 6	STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6	STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 15 5 5 6 6 6 7 7 7 6 6 6 6 6 6 6 6 6 6 6	STATION - 471 UNIVERSITY WINDSOR OAWST NO 12008 MONTH JUN 73  1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 N  5 5 7 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

UNITS - PARTS PER MILLION

MONTH JUL STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 24 MEAN HOUR DAY 123345667899101123445166178190 8 11 6 6 6 5 6 7 5 6 6 7 7 5 8 6 6 5 4 66 66 67 65 54 10 8 7 9 10 10 67 56 55 55 6 5 4 5 4 7 10 4 6 4 6 4 1 4 5 4 5 5 12 5 9 7 5 4 5 4 7 11 6 8 10 10 6 8 1 4 8 4 8 5 4 4 22 23 24 25 26 27 28 29 30 5 4 5 5 

PERCENTAGE OF DATA VALID

MEAN

POLLUTANT - CARBON MONOXIDE

						ONTAR	RIO I	MINIS	TRY (	OF TH	HE EI	NVIRON	MENT	- AIR	MAN	NAGEME	ENT E	BRANCH	ł						
	POLL	UTANT	- CA	RBON	MONOX	IDE							UNI	TS -	PARTS	S PER	MILLI	ON							
	STAT	ION -	471	UNIVE	RSITY	WINDS	SOR O	AMST	NO	1200	В		MON	TH AU	G :	73									
HOUR	1	2	3	4	5	6	7	8	9	10	3.1	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
DAY 1 2 3 4 5 6 7 8 9	064855456	564655456	4 5 4 5 5 4 4 5 6 ÷	4445744458	4 4 4 6 4 6 7	5445555666	654065866	7 6 5 10 5 5 7 6 7	554856567	5 5 4 5 4 4 6 6 6 6 5 5	55434456655	5543345666	65433344765	7 5 4 3 4 4 4 7 6 5	7 5 4 3 4 4 5 7 7 6	7 5 6 3 4 4 5 6 7 7	8 5 4 3 4 4 4 6 7 4	6543445684	6543445683	6 5 4 5 4 4 5 6 7 4	6 5 6 6 4 5 6 6 6 7 7 7 7 7 7 7 5 5 5 5 5 7 7 7 7	8 5 5 5 6 6 5	7 5 8 5 4 5 6	5505455665	6 5 5 5 4 5 6 7
11 12 13 14 15 16 17 18 19 20	11 56 43 66 19 5	8 5 5 3 7 6 9 2 4	4 4 3 3 3 7 6 7 3 4	45433377644 14	3553376624	4 6 7 4 4 9 7 5 3 5 1 5	56055 117636	558562860 12860	4 6 4	3 4 4 8 8 8 5 8 6	3 4 5 7 7 5 7 6	34 5 66 5 5	4344566566	3344556456	3334657446	3 3 4 4 6 6 6 6 4 4 7	4 3 3 4 6 5 6 5 4 6	3333656555	3334567655	4 4 4 4 6 6 6 6 6 6 6 5 6	6444569555	6 5 4 4 6 6 6 6 7 5 4	6643668054	6 6 4 3 7 7 10 10 5 4	5 4 5 7 7 6 8 5
21 22 23 24 25 26 27 28 29 30	4 4 4 7 6 6 6 6 7 9 7	4 3 4 7 5 6 7 7 6 6	4 3 4 6 5 6 8 7 6 7	4346567766	4366568765	5476668787	5788968809	569876899	5 5 9 7 6 6 	5466579860 1	545557 <b>8</b> 767	4 4 5 4 5 6 8 6 6	4364568656	4365469667	4 3 6 6 5 6 5 6 5 7	4 4 7 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 4 6 5 5 5 7 8 6 5 6	4 36 4 5 7 7 6 5 6	4 4 7 5 6 7 8 6 6 6	4485689766	4 4 8 5 6 7 1 8 7 6	4 5 8 5 6 7 8 7 6 5	4 7 8 6 6 7 10 7 7 5	4 5 7 7 6 7 8 9 7 6	4 4 6 6 6 6 8 7 6 7
31	5	4	4	4	4	4	5	5	5	6	6	7	5	5	5	6	5	5	6	6	6	6	7	7	5
MEAN	6	6	5	5	5	6	7	7	6	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6

	POLLU	JTANT	- CA	ARBON I	NONOX	IDE							UN:	ITS -	PART	S PER	MILL:	ION							
	STAT	ION -	471	UNIVE	RSITY	WINDS	SOR O	AMST	NO	1200	В		MON	NTH SE	EP	73									
HOUR DAY	1	5	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	6 7 6 5 6 4 3 3 3 2	5755643323	5755643223	6 5 5 5 5 3 2 2 4	6766643224	67 67 85 42 27	7769755328	7 7 6 9 7 5 5 3 2 8	6757745226	6 5 6 6 8 4 2 2 5	6646633224	6 5 4 5 6 3 3 3 2 2 3	5544533223	554445333222	5545533222	5545633223	55455333323	55546333333	5555633233	6 5 6 6 6 3 4 3 3	6666534234	6 6 5 6 5 3 4 2 2 5	7 6 6 6 4 3 5 2 2 6	7 6 5 6 4 3 4 3 2 5	6656644224
11 12 13 14 15 16 17 18 19	5 2 8 4 6 3 2 3 6 7	6204532353	6293732363	5 2 9 3 7 2 2 3 5 4	4 3 7 3 7 2 4 3 4	4 10 4 8 2 3 4 5 4	56995923475	5 8 1 4 6 9 2 4 5 6 5	5 5 5 8 1 1 2 2 4 5 5 5 5	4386625554	3255525444	3 2 4 5 4 4 4 3 4	3 2 4 5 4 2 5 4 4 4 4	3 2 4 4 3 2 6 4 3 3	3 2 4 5 3 3 6 3 4 3	3 6 5 3 8 4 5 3	3 5 4 3 2 7 4 3	3 4 4 3 3 7 4 4 4 3	3 4 5 3 7 4 4 3	3 5 5 5 5 5 5 6 7 3 2	3 8 5 5 4 3 6 0 6 2	3 11 6 5 3 5 9 9 3	3 12 6 6 3 3 5 9 15 3	3 11 4 5 3 2 3 7 10 3	4475525564
21 22 23 24 25 26 27 28 29 30	36765645554	2575454573	1 4 6 5 5 5 4 5 123	1 5 6 5 4 5 4 5 1 2 3	1 5 5 6 5 5 5 5 5 5 1 3	3 5 5 7 5 6 5 5 10 3	5 5 6 7 6 5 8 3	4 6 7 13 7 6 6 5 7 3	3 5 7 8 6 5 7 5 6 4	3 5 5 6 7 5 7 6 7 4	4655656584	4656456574	4 7 5 6 5 5 5 5 7 4	4 6 5 5 5 5 5 6 6 4	4556555664	5 5 5 5 5 6 5 6 8 7 4	4556656964	3 5 5 5 5 7 7 6 4	4666567655	5666657755	45566657854	4656656754	55656556654	5665655654	4 5 6 6 5 5 6 6 7 4
ARC AND	•	- 4		-	-				-	-	-	201	Co.	641	-		1.21		_	-	144	200			

PERCENTAGE OF DATA VALID - 99

						ONTAR	OIF	MINIST	TRY	OF T	HE E	NVIR	ONMEN.	T - AI	R M	ANAGE	MENT	BRANC	H						
	POLL	UTANT	- C/	ARBON	MONOX	IDE							UI	NITS -	PAR	TS PER	A MILI	ION							
	STAT	ION -	471	UNIVE	RSITY	WINDS	SOR (	DAMST	NO	1200	8		M	ONTH C	CT	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 5 5 6 2 1 0 4 3 4 5	4565203345	4 4 6 5 1 7 3 3 3 4	4 4 5 4 1 7 3 2 3 4	4 4 5 5 1 7 3 4 2 3	5465282434	7 6 7 7 3 1 3 2 3 4	8 8 8 4 14 3 3 4 6	6666364345	6454233246	6553221246	6 4 5 4 2 1 2 3 4 5	6564322555	6 5 6 4 2 2 3 4 5 4	7 4 6 5 2 3 3 4 6 4	666533344555	6 8 6 5 3 4 4 7	57 65 24 46 55	57 8 4 3 5 4 6 5 5	5 6 11 4 4 5 5 5 5	5 7 12 3 6 4 4 5	5 6 12 3 7 3 4 4 4	5 15 3 9 3 4 4 4	5 4 7 2 7 3 3 3 3	557533534455
11 12 13 14 15 16 17 18 19	4554333322 12	4 4 5 4 3 3 2 1 1	4 4 5 3 3 3 2 1 10	4 4 5 3 4 3 2 1 10	344353239	5 5 4 3 5 3 1 2 1	65436423 10	5 4 3 9 5 2 4 8	9 5 4 3 6 3 2 2 4	9 5 4 3 5 2 2 2	754342233	654252222	5 5 3 5 3 2 3 2 DATA	5 5 3 5 3 3 3 MISSI	5 5 3 5 3 3 3 NG -	6 0 3 5 3 4 4	6 0 3 3 3 2 3	66253323 23323	7 6 2 4 3 2 3 3	6 6 7 3 2 3 4	65293224 ***	5 5 5 7 3 2 2 2 5 ***	555822227*	5 4 7 2 2 11	6 5 4 4 3 2 3
21 22 23 24 25 26 27 28 29 30	5 6 4 4 5 4 4 3	7 5 4 4 7 4 4 3	8 5 4 4 7 3 4 3	7 4 4 4 6 3 4 3	6 5 3 4 6 3 4	9 9 4 5 5 3 4	19 12 5 5 3 4	31 14 6 7 8 4 4	18 20 15 55 45 4	15 15 5 3 5 3 4 4	11 11 4 3 3 4 4 5	8 7 4 3 4 4 4 5	DATA 4 5 4 3 4 4 4 4	MISSI 4 4 3 4 4 4 4	NG - 4 4 4 4 4 4	5 4 5 5 4 4 4 5	545544446	665444445	985444445	975453445	10 55 4 53 4 4 4	9 6 4 4 5 4 4 4	865454443	7 6 4 4 5 4 4 3 4	8 9 6 4 5 5 4 4
31	3	3	3	3	3	3	3	5	5	4	3	4	4	4	4	4	6	4	3	3	3	3	3	3	4
MEAN	5	4	4	4	4	5	6	7	6	5	4	4	4	4	4	4	4	4	5	5	5	5	5	4	5

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER MILLION POLLUTANT - CARBON MONOXIDE NO 12008 MONTH NOV STATION - 471 UNIVERSITY WINDSOR OAMST 24 MEAN 2 3 4 CONCENCION 35 8 1 0 4 3 4 6 5 110 435 75 1074 3764 155 2 4 7 6 4 3 2 3 2 1 3 5 1 2 3 7 6 4 3 3 1 0 5 8 1 2 5 4 5 6 5 3 5 3 6 1 6 6 5 7 5 3 4 MEAN

PERCENTAGE OF DATA VALID - 99

PERCENTAGE OF DATA VALID -

						ONTA	RIO	MINIST	RY	OF T	HE E	NVIRO	NMENT	- AIF	R MA	NAGEM	ENT	BRANC	Н						
	POLL	UTANT	- C/	ARBON	MONOX	IDE							UN	ITS -	PART	S PER	MILL	ION							
	STAT	ION -	471	UNIVE	RSITY	WIND	SOR (	DAMST	N	1200	8		MC	NTH DE	C	73									
HOUR	9	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	5236422343	4035400353	4 2 4 5 4 2 2 2 2 4 3	3135422233	3135403030	2145433232	3265433243	3 2 6 7 4 3 3 4 5 2	3258435343	3 2 8 4 3 5 2 4 2	3 2 4 8 4 3 4 3 2	4 2 4 6 4 3 5 2 3 3	4347425332	3358426332	3357325243	3356324343	3366338235	3355336333	3355335334	4455234433	3365234342	3355234332	33553334341	33553333432	3256334343
11 12 13 14 15 16 17 18 19 20	22332103343	2243110242	1 2 3 2 1 0 1 2 3 2	1232011233	1 2 3 2 1 1 1 2 3 3 3	1 2 4 2 1 1 1 2 3 3	1 2 4 3 1 1 2 3 3 4	3 3 5 3 1 0 2 4 3 5	4 4 5 4 1 0 3 5 3 6	3 5 4 1 1 3 6 4 5	4 2 5 4 3 1 3 8	4 1 5 4 3 1 3 8 3 4	4 1 5 3 3 1 3 8 3 4	4253323834	4353323835	3464323735	3585314856	6564325745	3554313734	3544213733	3633213643	2 8 3 3 1 1 3 6 4 3	2532113543	2 4 3 1 1 1 3 5 3 3	3 3 4 3 2 1 2 5 3 4
21 22	3 4	3 3	3	2	2	2	3 4	3 7	4 6	4 5	4	4 2	2	3 2 MISSIN	3	4 3	\$ 0 0 0	5 * * * *	5	5	5	4 ****		5 * * * * *	4
23 24 25 26 27 28 29 30	5 3 5 3 4 3	5 3 4 3 4 2	5 3 4 4 3 3 3	** 4 3 4 3 5 3 5 3	4 3 3 3 3 3	3 3 4 3 3 4	3 3 5 3 4	3 5 4 4 3 4	3 6 4 4 3 5	35 4 35 4	4 3 5 3 3 4 5	4 4 4 4 4 4 3	4 4 4 4 4 4 3	M1551r 4 4 4 4 4 5 3	5 4 5 4 5 4 4 3	4 4 4 5 4 4 3	5 4 4 5 5 3 2	5 3 4 4 4 3 2	5 3 4 5 4 2 2	4 3 4 5 4 2 2	4 4 4 5 4 2 2	4 4 4 3 2 3	4354323	5 3 5 4 4 3 3	4 4 4 4 3 3
31	3	3	3	3	2	2	3	3	3	4	5	5	6	5	5	6	7	6	6	5	5	4	3	3	4
MEAN	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN

PERCENT OF DATA VALID

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	20	4	9	17
FEB	28	4	6	10
MAR	31	5	8	13
APR	30	5	6	12
MAY	31	5	8	16
JUN	30	6	8	18
JUL	31	5	9	25
AUG	31	6	8	14
SEP	30	5	7	19
OCT	29	5	9	31
NOV	30	4	8	16
DEC	30	3	6	8
YEAR	351	5	9	31

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - CARBON MONOXIDE UNIT - PARTS PER MILLION STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 00 TO 01 02 TO 03 04 TO 08 09 TO 13 14 TO 30 31 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

10 30

2 0 3.2

4.0

CONCENTRATIONS
FREQUENCY DISTRIBUTION. PERCENT
50 70 90 95

5.0 6.5

7.5

8.9

10.0

MAX

4.7

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM. OAMST MONTH FEB NO 29025 24 MEAN 14 15 DATA MISSING 2 1 0 4 1 0 2 

PERCENTAGE OF DATA VALID -

PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - CARBON MONOXIDE

						ONTA	RIO	MINIS	TRY	OF T	HE E	NVIR	NMENT	- AIR	MAI	NAGEM	ENT	BRANC	Н						
	POLL	JTANT	- CA	RBON	момох	IDE							UN	IITS - F	ART	S PER	MILL	ION							
	STAT	ION -	BART	ON/WE	NTWOR	TH HA!	M OA	MST	NO	2902	5		MC	NTH MAF	3	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24 1	MEAN
DAY 1 2 3 4 5 6 7 8 9	2 5 1 4 0 1 3 0	2 4 1 4 0 1 2	2 2 1 4 0 1 1 1 2 2 2 2	1 1 3 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 0 0 1	1 2 1 2 0 0 1	1 2 0 2 0 2 4	3 3 0 3 1 8 6	3 0 3 1 4 5 5	2 4 1 2 1 3 2	1322021	1 5 2 2 0 2 2		2 5 2 2 0 4 3 MISSING	à -	26221333	3622242	3 4 2 3 2 4 2 9	2 3 3 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 2 1 1 1 1 1	2 2 2 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 2 0 1 2 0	3 2 4 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2322122
11 12 13 14 15 16 17 18 19 20												) ) ) )	DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING											
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31	5	5	4	4	4	4	5	6	5	6	5	5	6	5	7	7	8	8	7	6	6	6	7	7	6
MEAN	2	2	1	4	1	1	2	3	3	3	2	2	3	3	3	3	4	4	3	3	3	2	2	3	2

UNITS - PARTS PER MILLION

STATION - BARTON/WENTWORTH HAM OAMST NO 29025 MONTH APR HOUR DAY 14 15 19 20 1.6 24 MEAN 1 2 3 4 5 6 7 8 9 10 112 3 14 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 12 22 24 5 6 7 8 9 10 1 . . . 5 0 0 0 0 . . . . 2 0 1 1 0 0 0 1 0 0 1 0 1 . . . 0 0... 1 0 1 1 0 1 1 1 0 0 DATA MISSING DATA MISSING 1 0 0 0 0 0 0 0 0 0 . . . 0 1 2 2 1 0 0 2 \*\*\* 1 2 0 0 1 1 1 0 0 9 

PERCENTAGE OF DATA VALID - 70

MEAN

POLLUTANT - CARBON MONOXIDE

					3	ONTAR:	10 M	INIS	TRY (	F TH	E E	NVIRON	IMENT	- AIR	MAI	NAGEME	ENT E	BRANCH	4						
	POLLU	TANT	- CAR	BON M	ONOXI	DE							UNI	TS -	PART:	S PER	MILLI	ON							
	STATI	ON -	BARTO	N/WEN	TWORT	H HAM	OAM	ST	NO	29025			MON	TH MA	Υ	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 0 0 0 1 0 2 1 1	1000000110	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 0	2001000210	3 1 1 0 0 0 3 2	2 1 1 2 0 0 1 3 3 2	3 1 1 0 0 2 7 3 2	1 0 1 0 0 3 5 2	3 0 0 1 0 0 4 3 2	1 0 1 0 0 3 5 2	2 1 1 0 0 2 4 2 0	2 1 0 0 0 1 5 2 1	4100001511	5 1 0 0 0 1 7 1 2	8221002824	4 1 1 0 0 0 0 2 5 2 3	5 1 0 0 0 1 4 1 2	5 1 1 0 0 0 1 7 2 2	4 0 1 0 0 0 1 8 2 1	1 0 0 0 1 0 1 2 2 1	3 0 0 0 0 1 1 1 2	1 0 0 0 1 1 1 2 1 2	5 0 0 0 0 0 2 1 1 2	3 1 0 0 0 0 1 4 2 1
11 12 13 14 15 16 17 18 19	2 1 1 0 1 0 1 0 2 3	1 1 0 0 1 0 0 0 1 4	10000000012	1000000000011	1 0 0 0 1 1 1	2 0 0 2 1 1 2 1	3 1 0 4 1 2 3 2 1 2	3 1 0 3 0 2 1 2 1	2 1 0 1 0 1 1 1 3 2	1 1 0 1 1 1 1 1 2 2	1 1 0 1 3 1 1 1 1 2	1 1 1 3 1 1 1 1 1 2	1 1 0 3 2 1 1 1 2 1	1103201222	1 1 0 3 2 1 1 1 1 3	2 1 0 6 2 1 1 2 2 2 2	2 1 0 4 1 0 1 1 1 2	1 1 0 3 1 0 0 1 2 2	1010211222	2000311011342	201110004551	1 0 1 2 1 0 0 2 4	2 1 1 4 1 0 0 2 1 0	1 1 0 3 1 0 0 1 2	210211122
21 22 23 24 25 26 27 28 29	0 0 1 2 1 6 3 2 1 0	0 0 1 2 2 3 2 4 1 0	0 0 1 0 2 2 2 3 1 0	0 0 1 1 1 1 2 2 1	0 0 2 2 3 2 2 2 1 0	0 2 5 3 4 2 2 2 2	035** 432521	0222531421	1 0 3 2 4 2 2 4 1 2	0233533422	03237344 12	0 2 3 2 5 4 2 5 1 3	0 2 3 3 5 3 3 2 1 3	0243532215	0 2 5 5 3 4 2 5 1	0364321621	0 3 4 2 1 1 2 4 1 3	0 2 6 1 1 2 2 1 1 2	1 2 3 1 2 1 2 1 0 5	1 2 4 1 9 2 1 2 0 4	1 3 3 1 7 1 2 2 1	1 2 4 2 5 1 2 3 2 4	1 1 4 2 2 0 4 7 3	1 2 2 1 3 1 3 2 2 1	0 2 3 2 4 2 2 3 1 2
31	2	1	1	0	1	2	3	2	2	2	1	1	1	1	2	2	2	1	2	1	2	1	1	1	1
MEAN	1	1	1	0	1.	2	2	2	2	2	2	2	2	2	2	3	2	1	2	2	2	2	2	1	2

UNITS - PARTS PER MILLION POLLUTANT - CARBON MONOXIDE MONTH JUN NO 29025 STATION - BARTON/WENTWORTH HAM OAMST 24 MEAN HOUR DAY 12334567899 10 1123145617899 2 3 1 1 2 3 3 1 3 2 3 22 23 24 25 26 27 28 29 30 MEAN

PERCENTAGE OF DATA VALID - 98

						ONTAR	RIO	MINIS	STRY	OF TH	IE E	NVIRO	NMENT	- A)	IR MA	ANAGEN	MENT	BRANG	Н						
	POLL	JTANT	- CA	RBON	момох	IDE							UN	IITS	PART	TS PEF	R MILI	ION							
	STAT	ION -	BART	ON/WE	NTWOR	TH HAM	AO N	MST	NO	29025	5		MC	NTH .	IUL	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	1 2	13	14	15	16	17	18	19	20	21	22	23		MEAN
1 2 3 4 5 6 7 8	2 2 1 1 3 2 1	2 1 0 0 2 2 1	2 1 0 1 2 2 1	1 1 0 2 2 2 1	1 2 1 2 2 2 1	2234332	2 2 5 5 3 5 2	1 2 5 3 4 2	1 1 3 2 3 2 3 2	2312232	2302231	1 4 0 2 1 2 1	1 3 1 2 2 1 DATA	1 1 2 1 2 1 0 0 0 0 0	0 0 1 1 2 1 see 5	0 0 1 3 3 3 2 0 0 0 0	0 0 0 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000000000000000000000000000000000000000	0 1 0 5 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 3 2 2 2 0 0 0 0 0	2 1 0 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 1 4 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 0 1 4 3 2 2	2 0 0 3 3 1 1 0 0 0 0 0	1 1 3 2 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
10	1	0	0	1	1	3	4	5	5	4	3	3	2	1	1	0	0	0	0	0	1	1	2	2	2
11 12 13 14 15 16 17 18 19 20	2320324620	3 1 1 2 2 3 6 2 0	3 3 1 1 3 2 3 5 2 1	3311223321	3 3 1 2 2 2 3 3 2 1	3422245533	3 4 3 2 2 5 2 3 3 3	3432233533	3 4 2 2 2 2 4 4 4	3232133412	3 2 2 2 1 2 3 4 1 2	3030000000	3232212306	32321223 6	3 2 3 2 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3	3 3 3 2 1 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3	3 2 1 2 1 2 3 3 2 m 6 m 6 m 3 3	32122232	32022232 2232 2432 2432 2432	320022222233	3 2 0 3 2 3 2 2 2 2 2 2 2	3 2 0 3 2 5 2 3 3 4	3 2 1 3 2 2 2 3 6	4 2 0 3 2 6 5 4	3 3 2 2 2 3 3 4 4 4 4 2 2
21 22 23 24 25 26 27 28 29 30	1 1 2 3 0 2 0 0 1 1	2 1 2 4 1 2 0 0 1	2 1 2 3 1 2 1 0 1 1	1 1 2 2 2 1 1 0 1 1	1 1 2 2 1 1 1 0 1	1222222113	1 1 3 2 6 3 2 1 1 4	2 2 3 3 2 2 1 3	2 2 7 6 3 2 1 1 3	1 1 6 2 2 1 1 0 1	1 1 3 2 2 1 1 1 0	1 1 8 2 2 0 0	1 1 8 2 1	0 1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 5 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0302 020 00000 00000 00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000100000000000000000000000000000000000	1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 4 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 3 6 0 2 0 0 0	3 5 3 1 3 3 0 1 1 2 2	34203001	2320200102	1 1 2 2 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2
31	3	3	3	3	4	4	5	5	1	1	1	2	1	1	0	1	0	0	0	0000	0	0	0 0 0 0	0	2
MEAN	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION STATION - BARTON/WENTWORTH HAM. OAMST NO 29025 MONTH AUG HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 2 2 2 1 0 \*\*\*\* \*\*\* DATA MISSING 0 0000 0000 0 1 1 0 0 1 0 0 1 0 0 0 1 1 1 3 1 1 2 0 1 3 0 1 2 0 0 1 3 0 1 4 0 12 13 14 15 16 17 18 19 20 3 2 2 3 1 3 1 2 22 23 24 25 26 27 28 29 30 1 1 3 4 2 1 MEAN 

PERCENTAGE OF DATA VALID -

						ONTAR	10	MINIS	TRY (	OF TH	HE E	NVIRO	NMENT	- AIF	R MAI	NAGEMI	ENT I	BRANCE	4						
	POLLU	TANT	- CAF	RBON M	ONOXI	DE							UNI	TS -	PART:	S PER	MILL	ON							
	STATI	ON -	BARTO	N/WEN	ITWORT	H HAM	. OA	MST	NO	2902	5		MON	ITH SE	P	73									
HOUF	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	2 1 1 0 0 1 5 3 3	1 2 1 1 0 0 1 4 3 3	1 1 0 0 0 4 3 3 3	1 1 1 0 0 0 4 3 3	1 0 1 0 0 0 4 3 3	2 1 0 2 1 1 5 3 5	2 1 1 4 2 2 2 6 3 7	2 1 2 2 2 7 3	2 1 3 1 2 2 6 3 6	2 1 1 2 1 3 3 3 3 5	1 1 2 1 3 3 3 3 2 2	1 1 2 1 4 4 3 3 2	2 1 1 2 1 1 4 3 3 3	2 1 0 3 1 1 4 4 3 2	2 1 0 2 1 1 4 4 3 2	2002214332	2011104332	2111004342	3 1 3 2 0 1 5 3 4 3	2 1 3 0 1 7 3 4 3	2223106332	2222116332	2222116332	2 1 1 1 1 5 3 2 2	2 1 2 1 3 4 3 3
11 12 13 14 15 16 17 18 19	4 1 1 4 1 0 1 1	3 1 2 3 1 0 0 1	3 1 1 2 2 0 0 0 1	2 1 0 3 1 0 1 0 1 1	2 1 1 2 1 0 2 0 1 1	2 5 5 2 3 1 4 1 2 2	2 4 9 2 3 0 2 1 4 2	2382303141	2 3 3 2 2 0 2 1 3 3	2232201021	1 2 4 2 1 0 1 0 1 1	1 2 3 2 1 1 1 0 1	2 2 3 1 1 1 1 0 1 1 1	2232221111	224221121	2162222122	2032232123	2041122211	2143122312	2 1 3 1 1 1 2 6 2 2	2 1 3 1 1 0 2 6 1 2	2162102612	2122102411	2 1 2 3 1 0 2 2 1 1	2232212221
21 22 23 24 25 26 27 28 29 30	2 2 2 0 1 3 0 0 3 2	1 1 3 0 1 2 0 0 2 3	1030120022	10000120022	1200220022	4 3 0 2 4 6 1 2 3 2	6 2 0 2 7 12 1 2 3 2	6 1 0 1 4 6 1 1 3 3 3	4 4 1 1 1 3 1 1 4 4	3 3 0 1 3 2 1 1 4 2	3201311222	2 1 1 2 2 1 2 2 2	3 0 1 1 2 1 2 4 3 3	4011232832	3102322823	4 2 0 3 1 4 2 10 3 2	1 1 0 2 2 3 2 4 3 3	1 2 0 2 1 4 2 3 2 3	1 1 0 2 2 4 1 4 2 4	2 1 0 1 2 3 1 5 2 4	1 1 0 2 5 2 0 4 2 7	1 3 1 2 3 1 0 4 2 7	2 2 1 1 7 1 0 4 2 7	1 1 0 1 6 0 0 3 2 5	2 2 1 1 3 3 1 3 3 3 3
MEAN	2	1	1	1	1	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

UNITS - PARTS PER MILLION

POLLUTANT - CARBON MONOXIDE STATION - BARTON/WENTWORTH HAM OAMST NO 29025 MONTH OCT 24 MEAN 3 2 6 1 ó 3 4 1 1 2 0 2 4 1 Ó DATA MISSING 3 8 1 8 2 10 6 5 12 4 5 2 2 0 1 14 4 1 2 0 22 23 24 25 26 27 28 29 30 10 3 6 2 2 0 0 1 11 8 8 7 3 0 10 8 11 10 3 9 4 7 4 2 2 MEAN 

PERCENTAGE OF DATA VALID -

						ONTA	ARIO	MINIS	TRY	OF TH	HE E	NVIRO	NMENT	- AI	R MA	NAGEME	ENT I	BRANC	н						
	POL	LUTAN	T - C/	ARBON	MONO	XIDE							UN	NITS -	PART	S PER	MILL	ION							
	STA	TION	- BAR	FON / W	ENTWO	RTH HA	M O	AMST	NC	2902	5		MC	N HTM	IOV	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3	1 0 6	0 # 0 0 6	0 ***	0 * * * * 5	0 5	 5	0 2 5	1 4 6	1 2 5	0 1 5	0 2 4	0 3 3	0 3 1	0 3 1 MISSI	0 2 0	1 2 0	1 3 0	1 5 0	0 6 0	0 7 0 0 0 0	0 7 ••••	0 7 ••••	0 7 ****	0 7 ****	0 4 3
5 6 7 8 9	* * * * 2 3 3 2 3	2 3 2 1 3	2 3 2 1 3	2 2 2 2 1 3	2 2 2 1 3	3 2 2 1 4	3 3 2 2 5	4 4 3 2 5	3 4 3 3 5	3 4 2 3 4	2 3 4 2 3	2 3 4 1 3 3	2 2 3 2 3 2	2 2 3 1 3 2	2 3 2 2 2 3 3	2 3 2 2 4 4	3 4 4 2 3 4	3 4 6 3 3 4	3 3 5 2 3 3	235233	235233	2 3 4 2 3 3	2 3 1 4 3	2 3 3 2 3 3	3 3 2 3 3 3
11 12 13 14 15 16 17 18 19 20	3 2 1 2 3 4 4 2 3	3 2 0 **** 1 3 4 5 3 3	3207123432	2207023332	2 2 0 7 1 2 3 3 3 2	2 2 0 8 1 2 3 3 3 3 2	2318123332	3 1 9 1 3 3 4 3 4	3 7 1 3 4 3 7	3165234334	3 3 7 4 3 2 3 4 4 4	3 7 3 3 3 4 4 6 3	3 2 7 2 4 3 3 4 5 2	32824333363	3 2 1 4 3 3 5 5 5 2	3 3 9 2 6 4 3 5 3 2	3 3 11 5 5 4 3 4 6 4	3323433463	3 2 2 3 4 3 4 3 3	3 1 0 0 4 0 2 3 4 3 4 3 3	3 1 3 5 3 4 4 3	3 1 **** 2 3 5 3 5 6 3	3 1 8 3 3 4 3 4 4 4	3 1 2 3 4 4 3 3 4	32543333443
21 223 24 25 26 27 28 29 30	4 2 2 2 1 2 3 2 3	3 1 2 2 2 1 2 2 1 3	2 1 1 3 1 1 2 2 1 2	2 1 1 3 1 1 1 2 1 2	2 1 1 3 1 1 1 1 1 2	3 1 1 3 1 2 1 1 2 3	9223133233	13 4 3 1 5 4 2 3 4	93320 5334	7222133333	9223234233	7223123234	62231343444	9333144443	1 4 3 4 1 3 11 4 3 3	16 4 3 7 1 3 11 4 4	1 1 8 2 8 1 2 5 4 4 4	5 9 2 5 1 1 4 4 4 3	3 4 4 1 1 5 3 3	3 3 4 2 0 1 9 3 3 2	3 2 2 1 1 1 16 3 3	2 2 2 1 1 2 6 2 3 2	2 7 1 1 2 4 2 3 2	2 2 2 2 1 2 3 2 3 2 3 2	6323125333
MEAN	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3

						ONTAH	LO M	INIS	THY	OF T	HE I	ENVIR	DNMENT	- A)	R MA	NAGEN	IENT	BRANC	H						
	POLL	UTAN	r - C	ARBON	MONOX	IDE							UN	NITS -	PAR	TS PEF	MILI	ION							
	STAT	ION	BAR	TON/WE	NTWOR	TH HAM	OAM	ST	NC	2902	5		MC	ONTH (	DEC	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9 10	2 3 12 1 1 0 2 4	2 3 7 1 1 0 2 5	1 3 8 1 0 0 1 3 0	1 3 6 **** 1 0 0 0 2 0	2 3 3 0 0 0 0	2 3 3 2 0 0 0 1 1	2 3 3 6 1 1 3 2 2	3 4 12 0 4 2 4	3 3 4 13 1 1 2 2 4	3 4 3 12 1 1 2 1 3	3 3 4 13 2 1 2 1	3 4 4 3 2 1 2 1	2 4 3 3 2 1 0 2 0 1	2 4 3 6 2 1 1 2 1	2 4 4 2 2 1 1 1 2	2442222312	2 4 5 2 4 3 2 2 0 3	3 7 4 1 3 2 2 1 1 2	3 7 3 1 1 2 1 2 1 2	3831121212	3 11 3 1 1 1 1 2 1	3 11 3 1 1 2 2 2 1 1 1	3 10 3 1 1 1 4 2	3 11 3 1 1 0 2 4 1 2	2 5 4 1 1 2 1 2
11 12 13 14 15 16 17 18 19 20	1 1 5 1 2 2 3 6 2 3	1 1 5 1 2 2 2 6 2 2	0 1 4 1 2 2 2 6 1 2	0 1 3 1 2 3 3 6 1 2	0 1 2 1 2 3 3 6 0 1	0 1 3 2 3 4 6 1	1 2 7 2 3 4 6 1	2 4 11 2 3 4 7	2 3 8 * * * * 3 1 4 7 0	3 0 5	1 2 1 3 3 6 0 0	2 2 1 3 4 6 1 4	2 2 3 4 6 2 3 1	2 2 3 2 4 6 2 3 1	2 3 7 2 3 6 2 3 1	2 4 6 2 3 6 2 5 2	4 7 11 2 3 6 2 5	3 4 8 1 2 3 6 2 6	2 4 6 1 2 3 6 1 5 1	1 3 2 1 2 3 6 2 4	1 2 1 1 2 3 6 1 3 1	1 3 0 1 2 3 6 1 4	1 4 1 1 3 3 6 1 4	2 4 1 1 3 3 6 1 4 2	1 3 4 2 3 5 4 3
21 22 23 24 25 26 27 28 29	2 2 1 0 2 2 5 2 5 3	1 2 1 0 3 3 2 4 3	1 2 1 1 3 3 2 2 2 3 2	1 2 1 1 2 2 1 2 3	1 2 1 1 2 **** 2 1 2 3	1 1 1 1 2 2 2 2 2 3	2 3 1 2 2 2 2 3	3	1 4 1 1 2 2 2 3 *****	14122	1 4 1 4 3 * * * * * 3 3 3 2 3	1 4 1 3 3 3 3 3 3 2 3	0 4 1 4 1 1 3 3 3 2 4	0 3 1 2 1 2 3 2 3	0 4 0 2 1	1 4 2 1 2 4 5 5	1 3 2 1 3 6 7 3 3	3	3	2 2 2 3 5 2 3	1 2 0 3 3 3 5 5 3	3 2 5	2 1 0 4 4 2 7	2 1 0 4 4 4 2 5 5	1 3 1 2 2 2 3 4 3 3
31	2000		0000	4	4	3	3	3	4	3	2	3	2	3	3	3	8	6	3	4	5	4	4	3	4
MEAN	3	2	2	2	2	2	3	3	3	3	3	3	2	2	3	3	4	3	3	3	2	2	3	3	3

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - BARTON/WENTWORTH HAM. OAMST NO 29025

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE	CONC. 24-HOUR	MAXIMUM MAXIMUM RE	ADING
JAN			DATA MISSING		
FEB	7	1	2	5	
MAR	13	2	6	8	
APR	26	1	6	12	
MAY	31	2	4	9	
JUN	30	2	3	6	
JUL	30	2	4	8	
AUG	30	2	4	9	
SEP	30	2	4	12	
OCT	30	3	6	1.4	
NOV	29	3	6	16	
DEC	31	3	5	13	
YEAR	287	2	6	16	

MONTHLY G	ROUP FREQU	ENCY CLASSIF	ICATION FOR	73						
POLLUTANT	- CARBON	MONOXIDE			UNIT -	PARTS PER	MILLION			
STATION -	BARTON/WE	NTWORTH HAM.	OAMST	NO 29025						
	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30 3	1 &OVER	TOTAL			
JAN		DATA MISSIN	IG							
FEB	107	37	4	0	O	0	1 4 8			
MAR	90	116	59	0	O	0	265			
APR	365	104	35	5	Ó	0	509			
MAY	436	230	75	1	O	0	742			
JUN	260	363	83	0	0	0	706			
JUL	254	329	5 7	0	0	0	640			
AUG	237	366	7.4	1	0	0	678			
SEP	306	319	88	3	O	0	716			
OCT	278	252	1.47	21	4	0	699			
NOV	116	375	157	14	4	۵	666			
DEC	214	322	135	11	0	0	682			
YEAR	2663	2813	914	56	5	0	6451			
FREQUENCY	DISTRIBUT	ION BY PERCE	NTILES							
	PERCENT OF DATA VALID	MIN	10 3	FREQUEN 0 50	CONCENTRATION OF THE CY DISTRIBUTION TO 9	ON, PERCEN	T 98	99	MAX	А
	80	0	0 2 0	. 7 1 . 3	2.1 3	. 7 4 . 9	6.6	7.9	16	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
POLLUTANT - CARBON MONOXIDE

	POLL	UTAN'	r - c	ARBON	MONO	XIDE							U	NITS	- PAR	TS PE	R MIL	LION								
	STAT	ION	- 67	COLLEG	E ST	TORON	то ол	AMST	NO	3100	)1		M	ONTH	JAN	73										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	4 3 5 3 5 5 5 4 3 4 3	4353554343	4 3 5 3 5 5 4 3 4 3	43535533333	43535433333	4 3 6 3 5 4 3 3 3 3 3	4 3 7 4 5 4 3 3 4 3	4 3 8 4 5 4 3 4 5 3	4 4 8 4 5 4 3 6 5 4	3 7 4 4 4 2 6 4 4	3 7 4 4 4 3 5 3	3 7 4 5 4 3 5 3 3	4364553544	4354553534	4 5 5 4 5 4 6 3	4 5 5 5 5 5 5 5 4 6 3 4	4 6 5 5 5 6 5 4 6 4 5	4 6 4 5 6 5 4 7 4 5	4545644644	4 5 3 5 6 4 7 4	4535554 4544	4635555543	46355545534	353554 44534	4 5 4 5 4 5 4 4	
11 12 13 14 15 16 17 18 19	3 4 5 5 8 2 0 5 6 4	33 4 5 8 1 1 5 6 4	3 4 5 7 1 2 5 4	3345722553	3 4 5 7 1 2 4 5 3	2 3 4 5 7 0 2 4 5 3	3345812553	3 3 4 5 9 1 3 6 5 4	4 3 4 5 10 1 3 7 6	4 3 5 5 9 1 3 7 6 3	3 3 5 5 9 0 3 6 6 4	3 5 5 8 1 3 6 6 4	335681 4664	3356824664	3 4 7 7 1 4 6 7	4 4 7 8 1 5 6 6 5	5647427765	5 3 7 4 2 7 6 5	5 5 3 7 2 1 8 6 5 4	4 4 4 8 1 2 8 6 5 4	4 4 4 8 1 1 7 6 5 4	4 4 4 8 2 1 6 6 4 4	4 4 4 8 2 0 6 7 4	4 6 5 8 2 0 6 7 5 4	4 4 4 6 6 1 4 6 5 4	
21 22 23 24 25 26 27 28 29 30	2 1 4 6 8 4 3 3	3 2 1 4 6 8 4 2 2	2 1 4 5 7 3 2 2	2 1 4 5 7 3 1 2	2 1 4 5 6 2 1 2	2 2 1 4 5 5 2 1 2	2 1 4 5 2 1 2 1 2	2 2 2 2 2 5 8 5 2 2 3	3 2 5 9 4 2 2 4	3  2  4  8 . 4 . 2 . 2 . 3	2 4 4 6 4 2 2 3	2 4 4 6 4 2 2	2 4 5 8 3 2 2	2 4 4 9 3 3 2		2 4 4 10	3 4 5 11 5 4 3	5 3 4 6 10 4 3 3	5 2 4 6 8 3 3 3	624 6833334	825683323	324693223	**** 224694223	2 2 4 6 8 4 3 3 2	* · · · · · · · · · · · · · · · · · · ·	
31	2	2	1	1	1	0	0	1	2	1	1	2	1	0	0	0	0	0	6.6.6.6	00.0	0000	0 0 0 0	0.000	o o e e	1	
MEAN	4			2	2	2	2	- 4	100	- 2		i				190	_		1.2	_	-01	2007				

PERCENTAGE OF DATA VALID - 95

						ONTAR	RIO I	MINIST	TRY (	OF TH	HE E	NVIRON	MENT	- AIF	R MAI	NAGEME	NT E	BRANCE	4						
	POLL	UTANT	- CA	ARBON N	KONON	IDE							UNI	TS -	PART	S PER	MILL	ION							
	STAT	ION -	67 (	COLLEGE	ST	TORONT	10 OA	MST	NO	31001	0		MON	ITH FE	В	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	2 4 4 3 2 3 4 4 3	2 3 3 3 1 3 3 4 3	233312333	2 3 3 1 2 3 3 3 3 3	2 3 3 3 1 2 3 3	233312332	02333133333	2333314343	4 3 3 5 1 4 6 3	4 6 3 4 4 1 4 5 3	2533424453	2434423453	2534423343	3833423333	2 1 1 3 3 4 4 3 3 3 4 3 3 4 3	3 14 3 3 3 3 4 4 4 4	3 1 4 4 4 4 4 4 4 4 4	4 13 4 4 4 4 4 5 4	4 12 4 4 4 4 4 4 3 3	3 9 4 4 3 3 4 4 3 3	3 7 3 4 3 3 4 4 3 3 3	36333344333	35333344333	35432344334	3633323443
11 12 13 14 15 16 17 18 19	4 2 4 8 3 1 3 3 2 4	4 2 3 8 3 1 3 2 1 3	3 1 3 7 3 1 2 2 2 3	2 1 2 7 2 1 2 2 1 3	2 1 2 5 2 1 2 2 1 3	1 1 2 4 2 1 2 2 2 3	1 2 2 3 2 2 2 2 2 3	1 2 3 3 2 2 2 2 2 4	1 4 4 4 2 3 3 2 2 5	1 3 5 3 2 3 3 2 3 5	1352223235	1252223235	1 2 5 2 2 3 2 1 3 5	1 2 4 3 2 2 2 2 3 4	1 2 4 3 3 3 3 2 2 4 6	12633332245	3 4 4 2 2 4 5	2354442255	2333333245	3 4 3 3 3 3 4 1 4 5	25 33 22 31 34	2543223133	3464232132	23113233232	2344223234
21 22 23 24 25 26 27 28	2 5 4 4 5 4 5 5	3 5 3 4 5 4 4 5	3 4 3 4 5 4 5	2 4 3 4 5 3 4	2 4 3 4 5 3 4	2 4 3 4 3 3	3 4 4 4 3 3	4 5 5 5 5 4 4 6	3 5 7 5 5 5 5 10	3 5 7 5 5 5 5 8	4 5 5 4 4 4 7	4 4 5 5 4 4 3 6	4 6 5 4 3 6	5 3 5 5 5 3 5 6	534535555	5 3 4 6 3 6 4 6	6 4 5 5 4 6 4 5	10 3 4 5 5 6 5 4	7 3 4 5 4 6 4 3	7 4 4 5 5 5 5 6 3	7 4 4 5 5 5 6 3	54465562	64465562	64565652	5 4 4 5 4 5
MEAN	4	3	3	3	3	3	3	3	4	4	4	3	3	3	4	4	4	5	4	4	4	4	4	4	4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER MILLION POLLUTANT - CARBON MONOXIDE STATION - 67 COLLEGE ST TORONTO DAMST MONTH MAR NO 31001 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 10 7 5 11 7 4 6 6 8 3 7 1064 457 2 11 4 9 4 6 6 8 7 4 9 4 10 6 10 5 4 4 4 7 2 11 7 4 6 6 7 3 12 13 14 15 16 17 18 19 20 7 7 5 4 DATA MISSING DATA MISSING 3 3 22 23 24 25 26 27 28 29 30 4 4 5 3 3 0 1 3 2 3 2 3 4 Ā MEAN

PERCENTAGE OF DATA VALID - 89

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION																								
	POLLU	TANT	- CAF	RBON M	CXONC	IDE							UN	IITS -	PART	S PER	MILL	ION							
	STATI	ON -	67 C	OLLEGE	ST I	TORONT	O OAM	ST	NO	31001			MC	A HTM	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	1.2	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	2113222212	2 1 1 3 2 1 2 1 1 2	2113212102	2 1 4 2 1 1 1 0 3	1 1 3 2 1 1 0 3	2 2 1 2 2 1 1 1 3	2 1 1 2 2 2 1 1 1 3	1 2 2 2 3 3 1 1 1 5	1 4 3 3 4 2 1 2 5	1 4 3 2 2 2 3 2 1 1	1 3 4 2 2 2 2 2 1 0 4	1 3 3 2 2 3 2 1 0 4	1 2 4 3 2 3 2 1 0 4	1 2 4 3 2 3 1 1 0 4	1 3 4 3 2 3 2 1 1 4	1 2 4 3 2 2 2 1 2 4	1 3 4 4 3 2 2 2 2 2 5	1 3 5 4 2 2 2 2 2 6	2233222225	1232322225	1 2 2 2 3 3 3 1 2 4	1222343224	2 1 2 2 2 3 3 2 2 4	1 1 2 2 3 2 2 2 2 4	1 2 3 3 2 2 2 1 1 4
11 12 13 14 15 16 17 18 19 20	3422263583	3 3 2 2 2 5 2 5 7 3	3312342662	3 3 1 1 2 4 2 6 5 2	3 3 1 1 2 4 2 5 4 2	3 1 1 2 4 3 6 4 2	3312243642	4322253861	4 4 2 2 1 5 2 9 6 1	3 4 2 1 5 2 7 5	3412242542	3322242642	3322243542	3 3 2 3 2 4 3 4 4 2	3322244442	3 3 3 2 3 4 4 4 4 4 4 2	4332245543	4332255742	3322245643	3422235653	3422335743	34243355543	4 4 2 3 4 3 5 6 3 4	4323535833	3322243652
21 22 23 24 25 26 27 28 29 30	3 4 2 3 2 4	2 6 2 2 3 3	232222	332222	4 3 2 2 2 2	4 3 2 2 2 2 2 2	4 2 2 2 2 2 2 2 2	4 3 3 2 3 2	4 3 4 3 2 3	334221	3 3 2 2 1	8	DATA DATA	4 3 3 2 3 MISSI MISSI MISSI MISSI MISSI	NG - NG -	5 3 3 2 2 2 2	533333	3 3 4 3 3 3	4 3 3 2 3	3 3 4 3 4	3 4 4 3 5 ****	3 3 4 4 4 4 4	3 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 3 4 3 5	4 3 3 2 3 ****
MEAN	3	3	2	2	2	2	2	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION STATION - 67 COLLEGE ST TORONTO CAMST NO 31001 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 3 3 5 3 2 2 1 1 0 1 0 3 2 1 6 3 6 2 2 2 1 2 0 0 0 0 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 2 4 2 1 1 1 1 3 4 3 1 1 5 3 3 1 3 2 2 1 3 2 2 3 5 MEAN 

PERCENTAGE OF DATA VALID - 69

						ONTA	RIO	MINIS	STRY	OF T	THE E	NVIR	ONMENT	- AIF	R MA	NAGEM	ENT	BRANCI	4						
	POLL	JTANT	- C/	ARBON	(ONON	(IDE							UN	IITS -	PART	S PER	MILL	ION							
	STAT	ON -	67 (	COLLEG	E ST	TORON	TO 04	MST	NO	3100	1		MC	NTH JU	JN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	1.2	13	1.4	15	16	17	18	19	20	21	22	23		MEAN
1 2 3 4 5 6 7 8 9	1 2 3 3 4 3 3 3 3 3 3	123232323	1 1 2 2 2 3	1 2 1 0 2 2 2 3	1 1 2 1 2 2 2 3	211222323	4 1 0 6 4 3 4 4 3	4 1 7 5 4 5 6 3	5 1 5 4 4 4 6 3	4 1 5 5 4 5 6 3	4 1 1 5 4 5 6 3	3 1 3 4 4 5 5 2	3 1 3 5 5 6 2 DATA	3 1 1 4 4 4 5 5 5 2 MISSIN	3 1 4 4 5 4 5 2	311555452	3 1 3 4 5 4 4 2	312244332	3223443332	3 2 3 5 4 4 3 3 2	3 2 5 3 4 3 3	232533333	23343533	3 4 3 4 3 3 4 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 2 2 4 4 4 4 4 3 3
11 12 13 14 15 16 17 18 19	4 3 3 4 2 2 3 5	3 2 3 2 2 2 2 3 4	22322224	2 2 2 1 2 2 2 4	2 1 3 2 1 2 3 4	3 2 3 2 1 3 3 4	4 3 6 3 1 4 4 6	6 4 7 4 2 6 5 7	5 4 6 4 2 6 5 7	5 3 4 5 2 7 5 8	53 4 8 2 6 6 8	5 4 4 10 2 6 6 8	DATA 544488266677	MISSIN 5 4 5 6 2 6 7	1G - 5 4 4 5 5 2 6 7 7	5 4 5 4 4 2 6 6 7	5 4 4 4 4 2 6 6	5 3 4 4 4 2 5 5 6	6 3 4 4 3 2 4 5 5	5 3 4 4 3 2 4 4 6	4 4 4 4 3 2 4 4 5	3 3 5 4 3 2 4 4 5	4 3 6 4 3 2 4 4	435222454	4 4 4 4 2 4 5
21 22 23 24 25 26 27 28 29 30	4 9 9 4 2 2 3 2 3	3 14 6 5 5 2 2 2 1 2	12 5 4 4 2 2 2 1 3	4 12 5 4 3 2 1 2 1 4	5853321224	7 12 3 4 2 2 2 2 3	6 11 4 6 4 3 3 4	8954 957 554	8853756554	87 54 65 55 55 43	8 7 5 4 6 5 6 5 4 3	7 7 4 4 6 5 6 5 6 5 4 3	7 7 5 4 6 6 4 5 4 2	7654464542	6 6 5 4 4 6 5 5 4 2	7 6 5 4 4 6 5 6 4 2	7 6 4 3 3 4 6 3 2	6544244632	6554334532	7 5 5 4 3 3 4 4 3 2	9654324332	1 1 7 6 5 3 2 3 2 2 2 2 2 2	9675344232	9565334232	7 8 5 4 4 4 4 3 3
MEAN	4	3	3	3	3	3	4	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION STATION - 67 COLLEGE ST TORONTO DAMST MONTH JUL NO 31001 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 4 5 3 22 23 24 25 26 27 28 29 30 2 4 3 2 5 MEAN

PERCENTAGE OF DATA VALID -

						ONTAR	RIO M	MINIST	RY (	F TH	HE EN	VVIRON	MENT	- AIF	R MAI	NAGEM	ENT E	BRANCH	1						
	POLLU	TANT	- CAR	BON M	ONOX	IDE							UNI	TS -	PART	S PER	MILLI	ON							
	STATI	ON -	67 CO	LLEGE	ST	TORONT	O OAM	MST	NO	31001			MON	ITH AL	JG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
DAY 1 2 3 4 5 6 7 8 9	3 4 3 3 5 5 3 3 4 3 2	3423633422	3423323322	23232222322	3312323322	33223324332	5 5 4 2 3 3 5 5 4 4	6843336666	6 7 4 3 3 3 6 7 6 6	5547776655	55477756655	5543326655	10554325555	105533205554	0553225554	10553225554	10444225544	9949225453	9343224553	9 4 4 3 3 4 5 4 3	9545344433	9 5 3 3 4 4 3 3 4	9 4 4 6 3 3 4 5 3 4	93353333355	7 4 4 3 3 3 4 5 4 4
11 12 13 14 15 16 17 18 19 20	4324457564	3 4 2 4 3 3 5 5 4 4	3325335434	3 2 1 4 3 3 3 4 3 3 4	22233443334	2224344344	3 2 4 7 5 6 5 2 3 5	326 1169 10336	3 2 5 10 6 7 7 3 4 6	3256665446	2256655447	2255665346	22555556336	2256656335	2255656336	2 2 5 6 5 6 7 3 3 7	2255566436	32445555446	3244455445	2345555445	2346555544	2 3 4 6 6 6 5 6 4 4 4	334445 445644	3254564554	3245556445
21 22 23 24 25 26 27 28 29 30	3234566443	3233755323	3223644323	3222544223	3122444223	3233444233	5375446345	6427549456	6588548455	6676447454	666645 454	6 5 6 6 4 5 6 3 4 4	5556455444	65564553444	6566555344	5 6 7 5 5 5 5 5 3 4 5	5566545334	5 4 5 5 4 5 4 5 4 3 3 3	4 4 5 5 5 5 7 4 3 3 4	3 4 5 5 6 5 4 3 4 5	3 4 5 5 5 5 6 6 4 4 4	3365765334	3 4 7 5 6 7 5 4 4 4	2455664434	4 4 5 5 5 5 5 5 3 4 4
31	4	3	2	2	2	2	3	4	4	4	4	4	4	4	5	5	5	4	4	5	4	4	5	4	4

PERCENTAGE OF DATA VALID -

MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLU	JTANT	- CAF	RBON M	ONO	(IDE							UN:	ITS -	PART:	S PER	MILL	ION							
	STAT	ION -	67 CC	LLEGE	ST	TORONTO	OAM	ST	NO	31001			MON	NTH SE	P	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	4 4 5 3 3 3 2 2 1 1	4 3 3 4 3 2 1 0	3 3 2 3 3 2 1 1 1	3 2 4 3 2 2 1	3324332111	3 2 5 4 3 2 1 1 3	3 3 2 9 6 4 3 1 1 5	3 3 8 8 5 4 1 1 6	3 3 7 6 4 4 2 1	3 4 • • • 6 4 3 2 1 4	3335533224	3 3 3 5 5 5 3 3 2 2 4	3 3 3 3 5 5 5 3 3 2 2 4	4335544224	4 3 3 5 5 4 3 4 2 2 4	3335433224	3235533224	3 3 2 3 4 3 2 2 1 3	3333432223	3 4 3 4 3 3 2 2 3	3 5 4 4 4 3 4 2 1 2	4 7 4 4 3 3 3 1 1 2	4 8 4 3 4 3 3 2 1 2	4 8 3 3 2 2 1 1 2	3 4 3 5 4 3 3 2 1 3
11 12 13 14 15 16 17 18 19	2 1 2 2 3 1 1 2 3 2	2 1 2 1 1 2 1	2011211121	2021110121	2021111122	2 1 2 1 1 1 1 2 2	4 3 4 2 1 1 3 2 3 3	5 6 4 2 1 6 3 4 3	4 4 6 4 2 1 4 3 4 3	3 4 4 2 1 3 4 4 3	3 4 4 4 2 1 3 3 4 3	3 4 4 4 3 1 3 3 5 3	3 4 4 3 2 3 3 4 3	3 4 4 3 2 4 3 4 3	3 4 4 4 3 2 3 3 4 3	3 4 4 3 2 4 4	3 4 5 3 2 4 3 3	2 2 3 4 3 1 3 3 3 2	2 2 3 4 2 2 2 3 3 2	2224212322	2234122423	1 22 4 1 2 2 4 3 2	1225122533	1224122422	3333213332
21 22 23 24 25 26 27 28 29 30	2242243233	2242233242	1 2 4 2 2 3 3 1 2 1	1 1 3 2 2 3 3 1 1	1232233111	21224332211	4 2 2 4 5 5 5 5 3 3	5 3 5 4 7 5 5 3 1	5335475631	6 2 3 4 4 6 5 6 3 1	3334565532	3 4 5 6 6 4 3 2	3 4 3 4 5 6 6 5 3 2	3 4 3 4 6 6 5 3	4 5 3 5 6 5 4 3 2	3 4 3 5 7 5 5 2 2	3 4 3 4 7 5 4 2 2	2333355422	3533 . 55322	3 5 3 5 5 4 3 2	2523 3 5 4 4 3 3	2 4 3 3 5 3 5 3 3	2322 * 53634	2322 42533	3 3 3 3 5 4 4 3 2
MEAN	2	2	2	2	2	2	3	4	4	4	3	4	4	4	4	4	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 98

						ONTAR	RIO	MINIS	TRY C	F TH	HE EI	NVIRON	MENT	- AIF	R MA	NAGEMI	ENT (	BRANCH	ł						
	POLLU	TANT	- CA	RBON M	KONO	IDE							UNI	TS -	PART	S PER	MILL	ION							
	STATI	ON -	67 C	OLLEGE	ST	TORONT	O OAI	MST	NO	31001	1		MON	тн ос	T	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	23643333235	2233322225	2232222224	1 2 3 2 2 1 2 2 1 3	1232212213	1233212212	4 4 5 6 3 2 2 2 3 4	5567422260	4 66 66 33 22 79	4556332258	4556332256	465632224	46563332355	5756322365	5656322355	5766322355	565632235	4555322354	456543235	555433234	555433234	465422236	356422336	375423437	455532234
11 12 13 14 15 16 17 17 18 19	2542111224	2 4 3 2 1 1 1 1 1 3	1 4 3 1 1 1 1 1 1 2	1 5 3 1 1 0 1 1 1 2	1 3 2 1 1 0 1 1 1 2	2 3 2 1 2 1 1 1 1 2	3 4 3 1 4 2 3 2 4 2	5531535492	4 5 3 1 5 3 4 4 9 2	3 5 3 1 5 3 3 4 5 2	4531533332	4532423232	46323233332	463232323342	5632323352	5632333462	5732323452	5532323331	4 6 3 3 3 2 3 3 3 1	4 8 2 2 3 2 3 3 4 1	4 4 2 2 3 2 3 3 3 2	3 4 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 43322222233	2 4 3 2 1 2 1 2 2 3 2	5 4 5 3 2 3 2 3 3 4 2
21 22 23 24 25 26 27 28 29 30	3 8 10 6 5 3 0 0 1 2	2 8 9 12 4 2 0 0 1 2	2650420011	3 5 4 8 5 2 0 0 1 1	2 5 5 5 5 2 0 0 1	2765520011	11 8 10 8 5 0 0 2 2	15 18 18 8 0 0 2 3	2 9 7 11 9 7 0 1 3 4	2666850135	2 5 6 9 5 5 0 1 3 4	1 5 5 5 9 6 5 0 1 3 4	1 5 6 8 6 5 0 1 4	1 5 6 6 6 6 4 0 1 4 4	1 6 6 6 5 4 0 1 3 4	1 7 6 8 6 3 0 2 3 5	2 7 5 8 6 3 0 2 3 5	2655520236	2 5 4 5 6 2 0 1 3 5	1 5 4 5 6 1 1 1 2 4	2 4 5 4 6 1 1 1 2 4	2 8 7 4 1 0 2 2 4	3 9 9 3 0 1 2 2 3	4 10 9 4 2 1 0 2	2 7 6 7 6 3 0 1 2 3
31	1	1	1	1	2	1	1	2	3	3	3	3	3	3	3	3	4	4	2	2	2	2	1	1	2
MEAN	3	3	2	2	2	2	4	5	5	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3

UNITS - PARTS PER MILLION

POLLUTANT - CARBON MONOXIDE STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 MONTH NOV 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 0 0 0 1 ó 22 23 24 25 26 27 28 29 30 5 4 5 4 2 4 3 3 2 3 

 PERCENTAGE OF DATA VALID -

MEAN

						ONTAR	IO M	MINIST	RY C	F TH	Е Е	NVIRO	MENT	- AIF	R MA	NAGEM	ENT E	BRANCH	4						
	POLLU	TANT	- CAF	RBON N	ionox	IDE							UNI	TS -	PART	S PER	MILL:	ION							
	STATI	ON -	67 CC	LLEGE	ST	TORONT	O OAM	MST	NO	31001			MON	ITH DE	EC	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1.5	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	1 2 2 2 1 1 1 2 2 2	1 2 2 1 1 1 0 1 2 1	1 1 2 1 1 0 0 1 1 1 1	1 1 1 0 0 1 1 1 1	0 1 1 1 0 1 1 1	0011110001111	0022210112	1 0 4 3 3 1 1 1 2 3	2 0 4 4 5 2 2 1 2 3	20455522113	2034723123	203462224	1 3 4 4 2 2 2 2 3 3	2145522233	1 1 4 5 5 2 2 2 3 3	1 1 4 5 3 2 2 2 3	1 1 4 4 3 3 3 3 2 2 3	1 1 4 3 3 3 3 2 2 2 2 2	1 1 3 3 3 3 2 2 2 2 2	1 1 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 1 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1222212222	2322112222	2 2 2 1 1 2 2 2 2 2 2	1 1 3 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
11 12 13 14 15 16 17 18 19	1 1 2 2 2 2 2 6 3	1 1 2 2 2 2 1 2 5 2	1 1 1 1 1 1 3 2	1 1 1 1 2 2	1 1 1 1 1 2 2	1 1 1 1 1 2 2	1 1 1 1 2 1 2 2	2 1 2 3 3 3 3 3 3	3 4 3 2 2 4 4 6 5	3342224455	N 3 3 N N 1 4 3 5 5	2332214355	2332214345	5	3 3 3 2 1 4 4 5	3343224655	3343224655	3 3 4 3 2 2 2 3 6 5 4	2232233543	2 2 3 2 2 2 2 5 3 3	224222532	2222222532	1 2 2 2 2 2 2 4 3 2	122222432	2232223343
21 223 245 267 299 30	2112222221	2111222221	1 1 1 2 2 2 2 2 1	1 1 1 1 2 2 1 2	1 1 2 2 2 1 1 1	1 1 1 2 2 2 1 1	1 1 1 2 2 2 1 1 1 1	2 1 1 2 3 3 3 2 2 1	3 2 2 3 2 3 4 2 2	3 2 2 3 2 3 4 2 2 1	3324234221	3 1 4 2 3 4 2 2 1	3 2 1 4 2 3 4 3 2 1	3 2 1 4 2 4 4 3 2 1	3214244321	3 2 2 4 3 4 4 3 2 1	3323344321	2223343321	222333231	2212333232	2 1 1 2 2 2 2 2 1	2211222221	12222211	2212232211	2212233221
31	1	1	1	1	2	1	1	2	2	3	2	2	3	3	3	3	3	3	3	3	2	3	3	2	2
MEAN	2	2	1	1	1	1	1	2	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	4	8	11
FEB	28	4	6	14
MAR	29	4	8	12
APR	26	3	6	9
MAY	25	3	6	10
JUN	28	4	8	14
JUL	31	3	5	9
AUG	31	4	7	12
SEP	30	3	5	9
OCT	31	3	7	18
NOV	30	2	6	14
DEC	31	2	4	7
YEAR	351	3	8	18

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MANAG	GEMENT BRA	NCH	
MONTHLY G	ROUP FREQUE	NCY CLASSIF	ICATION FOR	73					
POLLUTANT	- CARBON M	ONOXIDE			UNIT	- PARTS PER	MILLION		
STATION -	67 COLLEGE	ST TORONTO	OAMST	NO 31001					
	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL		
JAN	47	233	417	12	O	0	709		
FEB	39	328	288	7	2	О	664		
MAR	64	182	404	15	0	0	665		
APR	88	370	154	1	0	0	613		
MAY	84	224	205	2	0	0	515		
JUN	47	249	344	1.3	1	0	654		
JUL	29	382	331	2	0	0	744		
AUG	3	260	462	1.8	0	0	743		
SEP	100	386	221	1	0	0	708		
OCT	125	330	269	18	2	0	744		
NOV	308	312	80	1	1	0	702		
DEC	221	425	95	0	0	0	741		
YEAR	1155	3681	3270	90	6	0	8202		
FREQUENCY	DISTRIBUTI	ON BY PERCEN	ITILES						
	PERCENT OF DATA			FDFOUE	CONCENTRAT	IONS			
	VALID	MIN	10 3	0 50	NCY DISTRIBUT 70	90 95	98	99	ARITH MAX MEAN
	93	0	0.7 1	.7 2.6	3.6	5.3 6.2	7.4	8.3	18 3.3

UNITS - PARTS PER MILLION POLLUTANT - CARBON MONOXIDE STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH JAN 24 MEAN 3 3 4 5 2 2 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 3 4 2 3 4 3 4 7 3 4 2 3 2 3 4 2 3 5 2 3 4 3 DATA MISSING 1 1 4 2 2 3 3 2 2 1 2 1 1 0 4 1 1 1 2 2 DATA MISSING ij T MEAN 

PERCENTAGE OF DATA VALID - 45

						ONTAF	RIO M	INIST	RY (	F TH	HE EN	VIRON	IMENT	- AIF	MAM 8	NAGEME	ENT E	BRANCH	4						
	POLLU	TANT	- CAR	BON I	IXONON	DE							UNI	TS -	PARTS	S PER	MILLI	ON							
	STATI	ON -	PHARM	ACY /	AND 40	1 TOP	RONTO		NO	33002	2		MON	TH FE	В	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
DAY 1 2 3 4 5 6 7 8 9	3 4 3 3 2 4 1 2 2	2343324111	2332324112	223231311	12322131	1 2 3 2 3 1 2 1 1 2	2232423152	3 4 2 7 4 4 3 9 3	5 4 4 2 6 3 4 3 8 3	3342424353	2243433243	2253442223	2352351233	2452352222	2852252223	3162253223	3262254433	3562232433	2 12 6 2 4 2 3 4 3 3	2963442323	2553333333	23423333322	3343333222	3433242323	25423332232
11 12 13 14 15 16 17 18 19 20	3225503442	2224204442	1 1 2 4 1 0 3 4 3 2	1223103430	0 1 2 3 2 0 2 4 3 0	0 1 2 3 2 0 1 3 3 0	0465202220	1 5 11 7 4 1 3 3 2	1 5 8 6 5 2 3 3 3 2	1 4 5 5 5 5 1 4 3 3 4	1 3 3 3 4 1 4 2 2 3	1 3 3 1 4 1 4 2 2 2	1 2 3 2 4 2 4 2 2 2 2	2 2 3 2 4 4 4 1 2 2	2 2 2 2 4 4 3 1 3 4	4 3 2 4 3 4 1 4	4 3 4 3 4 4 3 2 4 3	63 4 33 4 4 2 4 5	6643244366	5 5 4 2 2 3 5 4 4 6	4 3 7 1 1 2 6 5 3 3	5 3 1 0 1 1 3 4 5 2 3	3 8 2 1 3 3 4 2 3	2 3 7 4 1 3 4 3 2 3	2353324333
21 22 23 24 25 26 27 28	3 1 4 1 3 1 0 2	30213202	2 0 2 1 3 3 1	20213421	2 1 2 1 4 3 1 1	2 1 2 1 4 3 1 2	2 1 2 2 4 6 4 5	2 6 2 4 8 4	4 8 3 4 7 4	6 4 7 3 4 3 4 8	43544337	23534334	23424322	23434323	23534323	2 4 4 3 5 4 2 3	4 4 4 3 5 5 5 3 3	3 6 3 3 5 5 4 3	66333443	5 5 2 3 2 3 4 4	35232234	1 4 2 3 2 3 4	1 6 2 3 2 3 4 4	1 4 2 3 2 1 3 5	3 4 2 4 4 3
MEAN	3	2	2	2	2	2	3	4	4	4	3	3	3	3	3	4	4	4	4	4	3	3	3	3	3

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 5 0 7 1 0 0 1 3 1 5 0 1 3 0 1 1 2 0 1 1 2 1 2 1 1 1 0 2 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 2 3 o 

PERCENTAGE OF DATA VALID - 99

2 3

2 2

2 3

2 2

MEAN

						ONT	Olsa	MINIS	STRY	OF T	THE E	NVIR	ONMEN	T - AI	R M	ANAGEN	MENT	BRANC	н						
	POL	LUTANT	r - CA	ARBON	MONO	XIDE							U	NITS -	PAR	TS PEF	MILL	ION							
	STA	TION	PHAR	RMACY	AND	401 T	ORONTO	)	NO	3300	02		М	ONTH A	PR	73									
HOUR DAY 1 2 3 4	1 0 2 2 2	2 0 1 2 0	3 0 0 1 0	00000	5 0 0 2 0 2	6 0 0 2		8 **** 6 3	9 ***** 5 4 3 3	10	11 ***********************************	12	13		15		17 3 4 4	18 0 4 4 3	19 **** 0 3 2 3	20 0 2 1 2	21 ************************************	22 * * * * 1 2 1 1	23 * • • • • 1 1 1	24 2 1 1	MEAN  **** 2 2 2
7 8 9 10	3 1 0 0	1 0 0	0 0	0	0000	0	1 0 1 0	1 0 2 2	1 0 1 2	2 3 2 1 0	2 1 0 1	1 0	1 1 1 0	1 1 0 2	1 2 1 0	1 2 1 0	6 1 2 1 0	5 1 1 1 0	3 0 1 1	1 1 1 0	5 2 1 0 0	6 1 0 0	4 1 2 0 0	3 1 1 0 0	2 1 1 0
11 12 13 14	0	0 0 1 1	5 0 0	0 0 1	0 0 0 0	000	1 2 2 0	3 4 3 1	2 3 2 1	1 1 0	1 0 1 0	1 1 0	1 1 0 DATA	1 2 1 0 MISSI	1 2 1 0 NG -	1 1 2 0	3 2 2 0	2 1 2 0	1 1 2 0	2 1 1 1	1 1 0 1	2 2 1 0	1 1 1 0	2 2 1	1 1 1 0
16 17 18	0	0	0	0	0 0 0 0	0 0 0 0	0	0	0	0	0		DATA	0 MISSI	0	0	0	0	0	0	0	0 3	0 3		* * * <b>*</b>
19 20	0	0	0	0	0	0	0	0	0	0	0 0 0 0	0	0	0	0	2 0	2 0	0	0	0	0	0	0	0	0
21 22 23 24 25 26 27 28 29 30	0 3 2 3 1 1 2	0 3 3 3 0 0 0	0 3 3 3 0 0	0 4 3 3 0 0	0 4 3 3 0 0	1 3 3 3 1 0	1 4 3 4 3 0	1 4 3 5 1 3	1 4 3 5 0 3	1 4 3 4 0 1	24333000	-	DATA	2 3 3 4 0 0 2 MISSI MISSI MISSI	NG -	3 2 3 4 0 0 2	3 2 4 5 0 0 3	3 2 3 5 0 0 4	2 3 6 4 0 0 2	2 3 6 5 3 0	2 3 5 5 3 0 0	235332	2354330	2 4 3 3 3 0	2 3 4 4 1 1 1
MEAN	1	1	1	1	1	1	1	2	2	2	1	4	1	2	2	2	2	2	2	2	2	2	2	1	1

UNITS - PARTS PER MILLION

MONTH MAY STATION - PHARMACY AND 401 TORONTO NO 33002 HOUR 1 2 3 4 4 5 6 7 8 9 1 0 1 1 2 1 3 4 1 5 6 1 7 1 1 8 9 2 0 2 1 2 2 3 4 5 6 6 7 2 8 9 3 0 24 MEAN ó 1 0 0 0 0 1 0 2 3 0 0 1 3 1 0 0 2 2 1 

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PERCENTAGE OF DATA VALID - 88

MEAN

POLLUTANT - CARBON MONOXIDE

						ONTAF	RIO I	MINIS	STRY	OF T	HE E	NVIR	NMEN.	- AI	R MA	NAGEM	ENT E	BRANC	Н						
	POLL	UTANT	- C	ARBON	MONOX	IDE							UN	NITS -	PART	S PER	MILL	ON							
	STAT	ION -	PHAI	RMACY	AND 4	01 TOF	RONTO		N	3300	2		MC	L HTM	UN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	0230121101	0 2 2 0 1 1 1 1 0 0 0	0 1 1 0 1 1 1 0 0 0	1 1 0 0 1 1 0 0	1 2 1 0 0 2 1 1 0	2310121200	2 3 1 2 2 3 2 2 0 0	3211332200	2 1 1 2 2 2 1 0	1 1 1 1 1 2 2 1 0	2 1 1 1 2 2 0 0	2 1 1 0 1 1 1 0 0 0 0	2 1 1 0 1 2 1 0 0 0	3 1 0 0 1 2 1 0 0	4 2 0 0 2 1 1 0 1 0	5 2 0 1 1 1 1 0 0	5 2 1 1 2 2 1 0 1 0	4 2 1 2 2 1 0 1 0	3 1 2 3 2 1 0 1 0	3 1 5 2 2 1 1 2 1	2 2 1 3 2 2 1 1 1 0	2313122011	3 4 1 2 1 2 1 0 1 1	3 4 0 1 2 2 1 0	2 2 1 1 1 2 1 1 0 0
11 12 13 14 15 16 17 18 19	0 1 1 2 2 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 0 1 2 1 1	0 1 1 0 1 2 1 1 0 0 1 2 1 1	0 1 1 0 0 2 1 1 0	0 1 1 1 1 2 2 1 0	03333022101	2554122101	2542122111	0 4 2 1 0 2 1 5 2 2	0320031612	0 4 2 1 0 3 1 6	1 2 2 1 0 4 0 4 0	1 3 1 0 0 3 0 4 0 1	30301	0 2 1 2 0 3 0 1 0	1 4 2 2 1 3 0 1 0	3322130100	22120100	1 2 1 2 1 2 1 1 0 0	1 2 2 1 2 1 0 0	1 2 3 3 1 2 1 0 0 2	0 2 2 3 1 2 0 0	1 2 1 4 1 3 0 0	1 2 1 3 1 2 0 0	1 3 2 2 1 2 1 2 0 1
21 22 23 24 25 26 27	2 5 3	2 5 2	2 3 2	232	2 4 2	2 4 3	2 4 3	2 4 4	3 4 3	4 8 3	3 6 3	2 2 -	DATA DATA	****  MISSI MISSI MISSI MISSI	NG = NG -	2 2 1	2 4 1	1 3 1	1 4 ****	2 4 ****	2 4	3	3 2	3 5 ****	2 4 2
28 29	0 * 0 *	* * * * 4	3	3	3	3	3	5	2	2000	1	1	0000	1	1	8	8 1	11	8	6	5	5 1	5	5	* * * * 2
30	1	1	1	1	2	3	4	4	1	1	11	4	1.	0	0	0	1	0	0	1	1	1	1	2	1
MEAN	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	2	2	2	2	2

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 1 1 3 9 5 3 1 1 1 2 4 4 3 1 5 3 5 0 1 4 3 1 4 1 0 1 1 3 4 1 0 3 1 2 4 1 2 5 1 2 6 3 5 1 2 1 2 1 1 2 1 2 1 1 1 3 1 1 1 1 1 3 MEAN 

PERCENTAGE OF DATA VALID - 98

						ONT	ARIO	MINI	STRY	OF 1	HE F	NVIR	ONMEN'	T - AIR	MA	ANAGEN	MENT	BRANC	н						
	POL	LUTAN	IT - C	ARBON	MONO	XIDE							U	NITS - I	PAR	TS PEF	R MILL	ION							
	STA	TION	- PHA	RMACY	AND	401 T	ORONT	0	NO	3300	2		М	ONTH AU	G	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5	1 1 2	1 1 8 8 8 6	1 1	1 0 0 0 0 0 0	2 1	4 4 0.5 0.6	6 7 ****	3 5 	1 2 4	1 2 3	1 2 3	1 2 	DATA	1 1 3 MISSING MISSING MISSING	G -	1	1 1	2 1 1	1 3 1	1 2 3	2 3 3	3 3 2	2 3 1	2 2 2	2 2 2
7 8 9 10	1 2 2	* * * * * 1 1 2	1 2 2	1 2 2	1 2 2	1 2 2	2 2 2	2 2 3	2 2 3	2 1 2	1	1 1 1	\$ 0 0 0 1 1	1 2 0	1 2 0	2 1 2 2	2 2 3 3	2 2 6 3	2 2 3 4	2 2 4 5	1 1 4 3	1 2 3 3	1 2 2 4	1 3 2 5	2 2 2
11 12 13 14 15 16 17 18 19	5 4 2 0 2 2 3 3	5 3 2 1 0 * 0 * 0 2 * 2 2 2 3	3 0 	3 2 3 0 0 0 0 1 1 1 2	3 2 2 1 1 1 1 3	3 2 1 1 0 2 1 2		3 3 5 4 **** 3 2 3	3 3 4 3 3 	3 4 3 2 2 2 2 1	2 4 5 1 2 2 2 2 1 1	2 4 4 0 2 2 1 1	2 4 4 0 1 1 2 2 1 1 1	2430201211	2 4 0 0 2 0 1 1 1 0	2 4 0 0 2 2 1 1 2	2 3 0 0 4 0 2 2 1 4	2410203312	1 4 1 0 1 0 4 4 4 1 4	2 4 1 1 5 2 1 3	3 5 1 3 2 4 1 2	3 5 2 3 3 2 2 2 2 3	3 5 2 1 • • • • • 2 3 3 • • • •	3 4 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 4 2 2 2 2 2 2 2 2 2 2
21 22 23 24 25 26 27 28	1 2 3 4	0 3 1 4	0 0 0 0 0 2 1 3	0 2 2 2 2	0 0 0 0 0 1 2 2 2	2 3 3 3 3	4 8 6 4	3 12 6 5	1 6 4 3	1 4 2 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2 1 1	DATA	2 0 1 MISSING MISSING	3 -	3 5 1 2	3 4 5 1 2	2 3 4 2 3	3 3 2 3	1 4 3 2 2 2	1 3 2 2 2	1 3 4 2 2	1 3 4 2 4	1 2 2 2 2	* 0 * * 2 4 2 2
28 29 30	1	1	1	1	1	2 2		3 3	3	2	2 2	1 2	3 1 2	3 2 0 100 0	2	5	5 3 0 0 0 0	1 0000	3 1 0 0 0 0	3	3	3 1	3	1000	2
31	0000	0000	0.4.0.0	0000	9 9 0 11	0000	0000	0 0 0 E	0000	0.0 11 11	(t.p. 0.p	0.00	0000	2	2	2	2	2	3	3	3	2	2	2	0000
MEAN	2	2	2	1	2	2	4	4	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2

UNITS - PARTS PER MILLION

STATION - PHARMACY AND 401 TORONTO MONTH SEP NO 33002 7.3 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 12 13 14 3 \* 7 \* \* 7 3 3 3 1 3 \*\*\*\*\* \*\*\*\* 4 3 3 3 2 3 3 3 2 2 1 3 1 3 2 3 1 3 2 2 3 4 3 4 3 3 1 1 2 1 4 3 2 3 1 3 4 1 0 3 1 3 3 3 1 2 2 1 4 2 1 4 1 1 1 3 2 1 DATA MISSING - DATA MISSING 0 0 0 0 DATA MISSING DATA MISSING 2 \*\*\*\* 6 2 4 6 2 4 2 5 5 2 3 5 2 1 3 2 1 2 3 2 7 2 3 4 

PERCENTAGE OF DATA VALID - 74

MEAN

POLLUTANT - CARBON MONOXIDE

					0	NTAF	SIO V	MINIST	TRY C	OF TH	IE E	VVIRON	MENT	- AIF	R MAI	NAGEM	ENT E	BRANCE	Н						
	POLLUT	ANT	- CARE	BON	MONOXID	E							UNI	TS -	PART	S PER	MILL	ION							
	STATIO	N -	PHARMA	\CY	AND 401	TOP	RONTO		NO	33002	2		MON	TH OC	T	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1 1	12	13	14	15	16	1.7	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 0 2 2 2 2 2 3 1 2 3	0 1 2 1 1 1 2 1 2 3	0 1 1 1 1 2 0 2 2	1 0 1 1 2 1 0 2 2	4 1 2 1 2 1 3 3	7 1 2 4 3 4 2 1 7 8	5 1 3 4 5 5 3 2 9	1 2 6 6 5 5 2 2 8 2 1 2	0 1 3 6 3 4 2 1 3 7	0124222122	0 1 4 2 1 1 1 2 1	1 1 1 2 1 1 2 1	1 1 2 1 1 2 1	1 1 2 2 1 1 1 1 1 1 1 1 1	1 1 2 2 6 1 1 1 1 1	1 1 3 2 7 1 2 1 1	1 1 3 2 6 2 2 1 2 1	0 1 1 2 6 2 2 2 3 1	1222532542	1 2 4 1 3 3 2 3 7 2	1 3 3 2 2 3 2 2 9 2	1 4 4 2 3 4 1 4 6	1 3 3 2 1 3 2 4 6 2	1 3 3 2 1 3 2 3 4 1	1 1 2 2 3 2 2 2 4 3
11 12 13 14 15 16 17 18 19	2 2 2 2 1 0 0 2 3 2	2 2 1 1 0 0 0 2 2 2 2	2211000221	1211000220	2211100221	6311321262	8 4 2 1 7 4 6 3 1 1 3	7 52 1 7 4 6 7 5 3	3 4 2 1 4 1 2 6 7 3	23213114633	2 2 2 1 1 1 1 4 3	1 1 2 1 1 4 1 3	1 2 1 2 1 1 4 6	1 2 2 1 2 1 3 4 0 2	1 2 2 1 3 1 4 4 1 2	2 2 2 1 4 3 5 6 3 2	2320337642	1 3 2 0 3 2 4 5 4 2	2 4 2 1 2 1 5 5 2 2	2620003512	2 5 1 1 0 2 5 0 2	2 4 1 1 0 3 4 0	1 1 0 2 3 0 2	33100002322	3 3 2 1 2 1 2 4 3 2
21 22 23 24 25 26 27 28 29 30	1 3 7 3 2 3 3 1 2	2 3 3 5 4 2 2 2 1 2	1 4 3 5 5 3 2 2 2 1 2	1 3 4 5 3 2 2 2 1	1 3 4 5 3 2 2 1 1 1	2655633111	2 13 13 18 8 6 3 1	3 19 19 23 9 10 4 1	1 10 11 20 8 8 4 2 4	1 9 10 9 5 6 4 2 2	0 8 8 2 6 4 2 4	1 4 6 5 2 6 4 2 3	03332554 244	0 4 3 2 5 4 2 3 5	0 1 4 3 6 4 2 3 6	0 1 4 4 2 8 4 2 5 7	1 2 5 4 3 7 4 2 6 8	2 4 6 5 4 6 4 3 6 8	3 4 5 5 9 5 3 4 7	3 6 5 5 10 4 2 4 6	5 5 9 5 7 4 5 1 3 5	10 9 9 5 6 3 5 1 3 6	8 11 10 6 2 4 5 1	4 10 5 2 3 5 1 2 3	2 6 7 7 5 5 4 2 3 4
31	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	3	4	4	3	3	2	2	2	3	3
MEAN	2	2	2	1	2	3	5	7	4	3	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3

	POLLU1	ANT	- CARBON	I MONOXI	DE							UNI	ITS -	PART	S PER	MILL	ON							
	STATIO	)N -	PHARMACY	AND 40	1 TOP	OTMOS		NO	33002			MON	NTH N	ov	73									
HOUR DAY	1	2	3 4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 MI	EAN
1 2 3 4 5 6 7 8 9	2 1 2 1 0 1 3 2 3 3	2121002332	2 1 1 1 0 0 0 0 2 3 3 2 2	2 4 4	3010003442	1 1 2 0 3 2 5 3 7	2 2 3 0 7 3 5 3 1 0 1	3321635394	3 2 1 3 2 4 3 6 4	2221224353	2121224353	222223453	2 2 2	2 2 2 2 5 5 3	3 8 2 2 3 5 6 7 6 4	3 8 2 3 5 5 4 6 7 4	3 10 23 64 55 64	2522326543	2422338443	2421238432	2311236432	1 2 3 5 4 3 2	1 2 2 2 2 3 4 4 3 2	2321224453
11 12 13 14 15 16 17 18 19	1 2 1 1 4 2 3 4 3 7	2 2 1 1 4 1 3 4 3 6	1 2 1 1 1 2 3 1 1 1 2 3 3 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 2 1 1 1 1 1 1 1 2 3 3	1 2 1 1 2 3 4	1 2 2 4 3 3 1 2 7	1236752397	1 2 4 4 5 5 3 3 8 6	1 2 3 2 4 4 3 3 6 4	1 3 2 1 2 4 2 3 5 4	1 3 2 1 1 4 3 2 3 2	2 2 1 1 4 3 3 3 3	2 1 2 1 2 4 4 3 4 3	2232543362	2 2 3 5 5 6 3 7 2	2 3 5 7 8 3 3 7	3 3 2 5 6 6 3 3 8 1	2 3 2 4 4 5 3 3 6 0	2 3 2 6 3 4 3 2 1 1 0	2 2 2 6 2 4 2 4 10 0	2 2 2 10 2 3 2 3 8 0	2 2 1 12 2 3 2 4 11 2	2228223401	2 2 2 4 3 4 2 3 6 3
21 22 23 24 25 26 27 28 29 30	0 1 3 3 1 1 1 7 2	0 1 4 2 1 1 1 4 1 1	1 1 2 2 2 2 1 1 1 2 1 1 0 0 0	1 1 1 1	1 0 1 1 1 1 1 0	1 1 2 1 3 1 5 1	2252262841	2262252853	1 2 7 4 2 2 1 6 3 2	1 5 2 2 1 2 4 3 1	1 1 5 2 3 1 3 4 3 1	1 1 4 2 4 1 2 3 2 1	1 1 4 2 4 1 6 4 2 2	1 6 2 3 2 6 3	2 6 2 3 2 5 5	2 3 8 2 3 4 11 6 4 6	25 82 4 22 129 46	2 7 7 2 4 4 10 5	3 10 5 4 4 1 8 4 1 3	1 7 4 2 5 1 12 3 1 2	1 4 3 1 3 1 13 2 1 2	1 4 2 1 4 1 10 2 1	1 4 3 1 3 1 8 2 1 2	1342325422
MEAN	2	2	2 2	. 1	1	2	4	4	3	3	2	2	3	3	4	5	5	4	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 99

					DIRATMO	INIM C	STRY	OF T	HE E	ENVIRO	NMENT	- AI	R MA	NAGEM	ENT E	BRANCH	1						
	POLLUTA	NT - C	CARBON	MONOXI	DE						UN	ITS -	PART	S PER	MILL	ION							
	STATION	- PH	ARMACY	AND 40	1 TORON	OTA	NO	3300	2		MO	NTH D	EC	73									
HOUR DAY	1	2	3 4	5	6	7 8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	1 3 2 1 1 1 0 7	1 3 3 1 0 0 1 0 7 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 0 1 1 2	0 0 1 0 0 1 0 1 2	1 3 0 1 2 2 3 7 0 1 4 7 0 2 1 1 2 3	3 0 3 7 2 1 5 2 1 4	2 0 3 4 2 2 3 3 1 3	2024313212	2014313222	2	1 0 1 5 2 2 1 3 2	2 0 1 2 3 1 3 2	2 0 1 5 2 2 6 1 3 2	2023223132	2022325132	2021213132	4011223032	4 1 0 1 4 0 3 2	4 1 0 1 4 0 2 1	4 2 1 0 1 1 4 0 2 1	5 4 1 0 1 1 4 0 2 1	2 1 2 2 1 1 3 2 2 2 2
11 12 13 14 15 16 17 18 19	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 0 1 2 2 0 0 3	0 0	1 2 0 0 0 0 0 1	1 2 1 1 0 0 0 0	2 6 3 4 2 5 1 3 0 1 0 0 0 2 2 5 4 7 2 4	4 5 9 3 2 0 2 5 7 5	3 8 2 2 0 1 3 4	2262201333	2242211323	2 1 2 2 2 1 1 3 2 2	2123211232	2 2 1 1 3 3 3 3	6 2 1 3 2 2 2 5 3 3	7 2 2 4 3 3 2 6 4 3	6 2 2 4 3 4 1 6 4 3	5 2 2 3 3 3 1 5 1 2	4253220512	3 2 3 2 2 2 0 5 1	2 1 2 1 1 0 6 1	1 1 1 1 1 0 8 1 1	1 1 1 1 0 6 1	3 2 3 2 1 1 1 3 3 2
21 22 23 24 25 26 27 28 29	1 2 3 1	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0 1 2 2 1 1 1 1 2 2 1 1 1 0 0	1 2 2 1 1 1 1 2 0	1 2 2 0 1 2 2 2 2 0 1 0	2 3 3 4 1 1 0 1 1 2 2 4 2 3 1 1 0 0	3 4 1 2 2 4 3	2 3 2 2 2 4 3	2 4 3 2 2 5 2 1 0	2 4 2 2 2 5 5 2 0	2 3 2 3 3 7 3 0 2 1	2 2 2 3 3 6 4 0 1	3 2 2 3 3 6 3 1 1	3 3 2 3 3 7 2 1 2 0	3 3 3 7 4 1 2	3 2 3 3 2 7 4 2 2 1	2 2 3 3 2 5 3 2 2 1	2 1 2 2 3 4 2 2 1 1	2 1 3 3 2 3 2 1 1 1 1	2 1 3 2 2 3 2 1 0	2 2 3 2 2 2 4 1 0 1	2 2 4 2 2 3 2 1 0 2	2 2 2 2 2 4 3 1 1
31	1	2 2	2 1	1	1	1 3	2	1	2	2	3	3	4	4	4	5	5	5	5	3	2	2	3
MEAN	2	2 1	1	1	1	1 3	3	2	2	2	2	2	2	3	3	3	2	2	2	2	2	2	2

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - PHARMACY AND 401 TORONTO NO 33002

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	16	2	4	9
FEB	28	3	5	1.5
MAR	31	2	4	8
APR	25	1	4	6
MAY	29	i	2	7
JUN	26	2	4	11
JUL	3.1	2	5	9
AUG	26	2	4	12
SEP	26	3	4	13
ост	3.1	3	7	23
NOV	30	3	6	13
DEC	3.1	2	4	9
YEAR	330	2	7	23

		ONTARIO	MINISTR'	Y OF THE	ENVIRONMENT	- AIR MANAG	EMENT BR	ANCH		
MONTHLY G	ROUP FREQU	JENCY CLASSIF	ICATION FOR	R 73						
POLLUTANT	- CARBON	MONOXIDE			UNIT	- PARTS PER	MILLION			
STATION -	PHARMACY	AND 401 TORON	NTO	NO 33002						
	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL			
JAN	100	186	49	1	0	0	336			
FEB	90	365	206	9	1	0	671			
MAR	321	331	90	0	0	0	742			
APR	309	162	47	0	0	0	518			
MAY	470	164	25	0	0	Ö	659			
JUN	345	197	52	1	0	0	595			
JUL	319	290	125	2	0	0	736			
AUG	175	261	73	1	0	0	510			
SEP	129	296	107	6	0	0	538			
OCT	227	293	186	23	6	0	735			
NOV	1.83	328	184	18	0	0	713			
DEC	309	320	93	1	0	0	723			
YEAR	2977	3193	1237	62	7	0	7476			
FREQUENCY	DISTRIBUT	TION BY PERCE!	NTILES							
	PERCENT OF DATA VALID	MIN	10	FREQUE	CONCENTRA NCY DISTRIBU 70	TIONS TION, PERCENT 90 95	98	99	MAX	ARITH MEAN

	POLLUTANT - CARBON MONOXIDE												U	UNITS - PARTS PER MILLION											
	STAT	STATION - D.O.H.			BATHURST & WILSON			N	NO 34007				MONTH JAN 73												
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 0 0 0 1 0 0 2 1	1 1 0 0 0 0 1 1 1 1 1 1	1 2 0 0 0 0 0 0 0 0 0 0 0 0 1 1	0		1 2 1 1 0 0 0 0 1 1	1 3 4 0 0 0 0 1 1 1 2	1 4 9 1 0 1 1 3 2 4	1 3 11 1 1 1 3 3 6	1 3 7 1 0 1 1 2 2 3	1 3 3 1 0 1 1 2 1 3	1 2 1 0 1 1 2 1 2	1 1 2 1 0 2 1 1 1 1 2	1 1 2 1 1 1 1 1 1 2	2021	2 0 2 1 1 1 1 1 1 2 2	2 1 3 1 2 1 1 1 2 4	21 22 1 22 3	2001211223	3 1 0 1 2 1 1 2 1 3	3 2 0 0 2 1 1 2 1 3	2 2 0 0 2 1 1 2 1 3	3 1 0 0 1 0 1 2 1 2	2 0 0 1 0 0 1 1 1 2	2 2 1 1 1 1 1 1 1 2
11 12 13 14 15 16 17 18 19	2 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2000	2 20 00 00 00 00 00 00 00 00 00 00 00 00	0	200000000000000000000000000000000000000	000000000000000000000000000000000000000	2 2 1 0 1 1 1 0 0 0 0 0 0	3 4 2 0 2 1 1	4 4 2 0 2 2 1	311000000000000000000000000000000000000	2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 0 0 0 0 0 0	1 1 2 0 0 0 0	1 1 2 1 0 1 0 0 0 0	0 1 2 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 0 0 1 1 	3 2 0 0 3 3 3 4 4 4 4 1 1	2 2 0 0 2 3	4 1 0 0 0 2 * • • • •	0 0 1 0 1 0 1 0 1	2 1 1 0 0 1 ****	1 0 1 0 0 0 0 0	2 0 0 0 0 0 0 0	2 1 0 0 0 0 0	1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0 1 2 3 4 4 1 2 0 2	1 0 2 2 3 5 1 2 0 2		2 2 3 4 2 1 0	1 0 2 2 3 4 2 0 0 2	1 1 3 2 3 4 1 0 0 2	1 3 3 5 9 2 0 1 3	2 8 4 3 8 12 2 0 1	2 10 5 3 9 20 2 1 1 5	3 5 4 3 6 13 2 1	3 4 4 3 5 8 3 1 1 3	3 4 4 3 5 6 3 1 1 3	3 4 4 2 4 6 3 1 1	2 5 4 2 3 7 2 1 1 3	2 6 4 2 3 8 1 1 1 3	2 7 4 2 3 6 2 1 1 2	1 10 5 2 3 7 2 1 1	1 11 5 2 4 12 3 1 2 2	1 8 4 2 5 9 4 1 2 2	1 8 3 3 5 6 2 0 1 2	1 10 3 3 4 4 2 0 1	2 7 3 3 4 3 2 0 2	2 5 3 4 4 2 1 0 3 0	1 4 3 4 4 2 2 0 3	2 5 3 3 4 7 2 1 1 2
31	0	0	0	0	0	0	1	2	4	2	2	2	2	2	2	2	4	4	2	1	1	1	1	0	1
MEAN	1	1	1	1	1	1	2	3	4	2	2	2	2	2	2	2	2	3	2	2	2	2	1	1	2

PERCENTAGE OF DATA VALID - 93

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																								
	POLLU	POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION																							
	STATION - D.O.H. BATHURST & WILSON NO 34007												MONTH FEB 73												
HOUR DAY 1	1	2 0	3 0	4	5 0	6 0	7 3	8	9 8	10 5	11 3	12	13 3	14 3	15 6	16 4	17 5	18 6	19 3	20 2	21 1	22	23	24 0	MEAN 3
2 3 4 5	00000	0000	0	0 0 0	0 0 0	0	2 0 0 0	7 0 0 0 3	10	8 0 1 0 2	5 0 1 0	4 0 1 0 0	5 0 1 1 0	7 0 0 1	9 0 0 1	12 0 0 2 2	7 0 0 3 3	11 0 0 3 3	10 0 0 2 2	60022	2 0 0 1 3	0 0 0 0 2	0 0 0 1	0 0 0 1 0	4 0 0 1
8 9 10	0	0	0 0 0	0 0 0	0 0 0	0000	0 1 0	0 4 0	0 4	3 3	0 1	0 1	0 0	0	0	0 4	0 0 4	2	0	0	0	0	0	0	1 0 1
11 12 13	0 = 0 0 0	0 1 9 0					000	- e o v	0000	<b>0</b> 0 + 0		- 2	DATA	MISSIN MISSIN MISSIN	IG -	4	4		1	2	2	2	2	2	
15 16 17 18 19 20	1 0 0 3 2	0 0 3 2	0 0 3 2 1	0 0 2 1 1	0 0 0 2 1	0 0 0 2 1 1	1 0 1 2 2	1 1 3 5	1 1 2 3 5 4	1 1 2 2 3 5	0 1 2 3 2 3	1 1 2 3 2 3	1 1 2 3 3	0 1 1 2 3 5	0 1 1 2 3 1	0 0 1 2 4 1	1 0 1 2 5 1	1 0 3 2 6	0 0 4 3 4	0 0 4 3 3	0 3 3 3	0 0 2 3 2	002220	0 0 2 2 1	0 0 2 3 3
21 22 23 24 25 26 27 28	1 0 1 1 1 1 1 3	1 0 1 1 1 1 1 3	0 0 1 0 1 1 0 2	0 0 1 0 1 1 0 2	1 0 1 1 1 1 0 2	1 0 1 2 1 1 0 2	3 0 2 1 1 2 2 2 2	8 2 5 2 7 5 5	7 2 6 2 2 5 5 7	5 1 3 2 2 2 3 8	5 0 2 1 3 2 3 7	4 0 2 1 3 2 2 6	3 0 1 1 2 1 2 6	4 0 1 1 2 1 2 6	50102146	7 0 1 0 2 0 4 7	8 1 1 0 2 1 4 8	5 1 1 1 2 1 5 8	5 1 1 1 2 0 3 7	2 1 1 2 1 3 7	1 1 1 2 1 4 5	0 1 1 1 2 1 4 5	0 1 1 1 1 1 4 5	0 1 1 1 1 1 3 4	3 1 2 1 2 2 3 5
MEAN	1	1	0	0	0	1	1	3	4	3	2	2	2	2	2	2	3	3	2	2	2	1	1	1	2

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION MONTH MAR STATION - D.O.H. BATHURST & WILSON NO 34007 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 0 2 6 4 0 4 5 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 3 1 7 1 1 1 0 0 1 1 -02100000 1 4 5 0 0 0 1 1 3 1 2 4 3 3 1 3 2 5 3 211342 266 1 6 6 3 8 11 4 7 7 4 6 7 10 9 2 2 3 7 7 MEAN 

PERCENTAGE OF DATA VALID - 97

PERCENTAGE OF DATA VALID -

						ONT	ARIO	MINIS	STRY	OF T	THE E	NVIR	ONMEN	r - AJ	R MA	ANAGEN	IENT	BRANC	Н						
	POLL	UTANI	r - C	ARBON	MONO	CIDE							UI	NITS -	PART	TS PER	MILL	ION							
	STAT	ION -	D.0	н в	ATHURS	ST & 1	WILSON	Į.	NO	3400	17		MC	NTH A	PR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 2 1 2 0 5 1 1 0 1	1 1 2 0 5 0 1 0 1	0 1 1 0 0 5 0 0 1	0 1 1 0 0 5 0 0	0 1 1 0 0 5 0 0 1	0111050011	0 2 1 3 0 7 0 0 2 3	0 3 2 7 0 7 0 4 4	1 63 61 7 1 0 4 5	1 7 1 4 1 6 1 0 3 3	1601061022	1501060122	1 4 0 2 1 5 1 0 2 2	1 5 0 2 1 0 2 0 2 2	1 6 0 1 5 0 2 0 2 2	1510402023	2 7 5 1 4 0 2 0 3 3	2 6 9 1 4 0 3 0 3 3	2 4 7 0 4 0 3 0 2 2	1350413022	2 3 3 0 6 1 2 0 1	2 4 0 8 2 1 0 2	2 1 3 0 5 1 0 1 2	1 2 3 0 6 1 1 0 2 1	1 4 2 1 2 3 1 0 2 2
11 12 13 14 15 16 17 18 19 20	1 3 1 0 0 4 1 0 4	1310050150	1 2 2 3 0 1 4	1 1 3 2	1 1 3 3 3 0 2 1 0	1 1 1 2 0 2 1 0	1 0 2 0	2 0 0 3 0 3 1 0	1 0 0 4 0 3 3 0	100070850	1 0 1 1 5 0 6 8 1	0 2 1 3 1 1 1 7	0 1 1 2 1 9 5 1	1 0 2 1 2 1 4 3 1	0 2 1 2 1 3 3	1 1 0 2 1 2 1 3 3 0	1 1 0 1 1 2 1 3 4 0	1 1 0 1 1 2 1 3 5	1 0 1 0 3 1 4 4 0	1 1 0 1 1 2 0 6 5 0	1 1 0 1 22 0 5 5 0	2 1 0 1 3 2 0 4 4 0	3 1 0 3 3 1 1 5 2 0	3 1 0 2 4 1 0 5 0 0	0 1 3 0 4 4 4 0
21 22 23 24 25 26 27 28 29	9	00000	**** 0 **** 0 0 0 0	0 0 0 0	0000	0 6	1	4 9 4 9 9 9 0 0 0 0 0 5	0 0 0 0 0 0 0 4	3.000	2 0 0 0 2	2	DATA	MISSI MISSI MISSI 2 2 2 0 0 0 3	NG -	2 0 0 0 0 0 0 3	0 2 2 0 0 0 5	0 3 3 0 0 0 3	0 5 1 1 0 3	1 3 * * * * * 1 0 1 3	2 3 0 1 1 3	2 1 0 0 0 2 2	0 1 0 0 0 0 2 2	1	2 2 3 0 4 6 4 0 0 0 0 0 2
MEAN	1	1	1	1	1	1	Ť	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2

POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION STATION - D.O.H. BATHURST & WILSON NO 34007 MONTH MAY 73 HOUR DAY 1 2 3 4 4 5 5 6 7 7 8 9 9 1 1 1 2 1 3 4 4 5 5 6 7 7 8 9 9 0 2 2 2 3 4 2 2 6 7 2 8 9 3 0 9 10 11 12 19 20 21 24 MEAN 6 5 5 1 1 1 1 0 0 0 0 0 0 2 2 2 7 8 5 0 0 0 0 4 \*\*\* 4 1 0 0 1 0000 1 0 0 0 2 0 2 0 2 - DATA MISSING -DATA MISSING - 3 2 2 2 2 2 2 2 5 0 0 0 1 1 1 1 1 3 0 1 0 1 1 1 0 1 3 0 1 0 3 1 0 3 0 2 0 1 2 3 3 3 3 3 1 0 3 2 

PERCENTAGE OF DATA VALID - 79

MEAN

2 2

						ONTAF	i OI	MINIST	RY (	)F TI	HE EI	NVIRON	MENT	- AIF	R MA	NAGEM	ENT I	BRANCE	4						
	POLLU	TANT	- CAR	BON N	IXONO	DE							UNI	TS -	PART	S PER	MILL	ON							
	STATI	ON -	D.O.H	BAT	HURST	& WI	LSON		NO	3400	7		MON	ITH JU	JN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 M	MEAN
23 4 5 6 7 8 9	0 2 1 2 * 1 0 0	1 1 0 0	0 0 0 0 1 1 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 1 1 0 0	0 0 1 1 1 2 0 1	104442501	2 0 6 5 6 5 7 0 1	2 0 4 7 5 5 5 0 1	2 1 2 4 4 4 3 0 1	1 1 2 4 3 2 0 2	0211133202	0111224202	0 1 1 1 2 2 3 1 0 2	011233101	1 2 2 1 4 4 1 0 1	0125234001	0234123002	0223111000	3 1 3 1 0 0 0	0 2 3 1 2 4 1 1 0 3	0 2 4 1 1 3 1 1 0 4	0231010103	0 2 2 2 0 1 1 1 0 1	1 1 2 2 3 2 2 0 1
11 12 13 14 15 16 17 18 19	000000000000000000000000000000000000000	0 0 0 0 0 1 1 1 1 1	0 0 0 0 1 1 0 1	0 0 0 0 1 1 0 1	2 0 1 0 0 0 0 1 1	5010200041	3 0 0 6 2 0 1 7 2	1 1 0 1 8 3 0 2 6 5	2100541255	2000341254	2 0 0 0 2 3 1 2 5 4	1 1 0 0 2 2 1 1 5 3	1 2 0 0 3 1 2 3 3 3	1 1 0 0 3 0 2 3 4 3	0000302443	0 0 0 3 0 2 4 4 3	0000302563	0 1 0 0 2 0 3 5 5 5	0 1 0 0 2 0 3 5 4 2	1 1 0 0 2 0 2 4 3 3 3	0 0 0 0 1 0 2 3 3	10000112322	1 0 0 0 1 1 2 3 2 3	0 0 0 1 1 1 2 3 2 3	1 0 0 0 2 1 1 3 3
21 22 23 24 25 26 27 28 29 30	3 2 0 4 1 2 1 1 3 3	2313120024	1 4 1 1 1 1 0 0 2 4	1301110125	1 3 0 1 1 2 1 2 3	1 2 0 1 2 5 4 4 5 4	3 4 0 1 4 8 5 6 8 5	8 10 1 2 6 8 6 4 8 3	9 1 2 4 6 4 3 5 4		36124444	4532334545	2532334445	3 4 3 1 4 3 4 5 4 5	4 4 3 1 4 3 5 8 4 5	41214465555	5031442544	6031333945	5011334745	4 0 1 1 3 1 2 4 4	2211302554	1012322555	2122231445	2 1 4 1 2 2 1 3 3 4	3 3 1 2 3 3 3 4 4 4
MEAN	1	1	1	1	1	2	3	4	3	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2

UNITS - PARTS PER MILLION

MONTH JUL STATION - D.O.H. BATHURST & WILSON NO 34007 24 MEAN 3 1 4 0 1 1 0 0 DATA MISSING DATA MISSING DATA MISSING 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 5 1 DATA MISSING DATA MISSING 1 4 2 1 1 2 2 2 3 2 0 1 2 0 2 2 4 2 3 3 8 1 3 2 1 Ó MEAN

PERCENTAGE OF DATA VALID - 79

POLLUTANT - CARBON MONOXIDE

						ONTAR	RIO N	MINIST	RY C	OF TH	E E	NVIRO	MENT	- AIF	R MA	NAGEM	ENT E	BRANCH	+						
	POLLU	TANT	- CAF	BON I	IXONON	DE							UNI	TS -	PART	S PER	MILL	ION							
	STATI	ON -	D.O.F	. BA	THURST	& W.	ILSON		NO	34007	•		MON	ITH AU	JG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8 9	0 3 0 0 2 1 2 1 1 0	0200222000	0200122000	0 1 0 0 1 1 1 0 0	0 1 0 0 1 1 1 0 0	0100111322	0 1 1 2 1 3 5 3 6	6 2 2 1 1 1 5 4 2 6	7 5 2 1 1 2 3 4 1 4	6 4 1 1 2 3 4 1 4	4 3 1 1 2 2 2 3 1 4	4211222303	32112233313	4 2 1 1 2 2 3 2 1 3	4 3 2 0 1 2 4 3 2 3	4 3 3 0 1 1 5 4 3 3	6 4 4 0 1 1 5 2 3 4	5 2 4 1 1 2 3 3 3 1	4 0 4 1 1 2 2 4 4 0	4 0 2 0 1 2 2 3 2 1	3 0 1 1 2 2 1 4 1 1 1	3 1 0 1 2 2 1 2 0 1	4001242102	3 0 0 1 2 4 2 1 0 2	3 2 1 1 1 2 3 3 1 2
11 12 13 14 15 16 17 18 19 20	1 0 0 1 1 1 1 3	2111000113	1 0 1 0 0 0 0 0	1 0 0 0 1 0 0 0 0 1	1 2 0 0 1 0 0 2	1 0 1 7 0 1 1 1 1 0 5	2 0 1 9 0 4 2 2 0 7	2019075205	2 1 2 6 0 4 4 2 1	2 1 1 4 0 2 3 2 1 3	2 1 1 2 0 1 3 2 1 2	1 1 3 0 1 2 2 1 2	1 0 3 0 1 2 1 1	0 1 0 2 1 1 3 2 1 2	0 1 2 2 1 1 2 2 1 2	0 1 3 3 0 2 6 1 1	0032025210	0 0 3 2 1 1 3 2 2 0	1 0 3 3 2 1 2 1 2 0	2032131231	1 0 2 0 1 3 1 3 4 1	0030031130	002004	0 1 1 0 0 3 0 2 2 0	1 0 2 3 0 2 2 2 1 2
21 22 23 24 25 26 27 28 29 30	0 1 1 5 5 3 3 2 3	0 1 1 1 6 5 3 2 2 3	1 1 1 3 5 3 1 1 3	1 1 2 3 5 2 1 2 3	1 1 2 2 3 5 3 2 2 2 3	1 2 4 4 3 5 6 2 2 3	2265450235	2 1 6 4 5 5 1 2 3 3 7	2 1 5 5 6 4 6 2 3 6	1 1 5 4 5 5 4 2 3 3	1 1 4 4 5 5 3 2 2 3	1 1 3 3 5 6 4 1 1 3	1 2 4 5 5 3 1 1	ī	1 1 5 5 3 3	1 0 2 5 5 4 2 1 2 2	1 0 1 4 4 3 6 1 2 2	1 0 1 3 5 2 4 4 0 2 2	1 0 2 4 6 2 3 0 3 2	1025623131	1025622131	0025542141	0 1 2 5 5 5 4 1 4	0 1 2 5 5 4 4 1 4 2	1 1 3 4 5 4 4 1 2 3
31	3	3	4	5		D9 8 26 U	n y n	2419e ±		2 ×	(60	5	5	5	5	6	6	5	6	4	3	3	3	3	.4
MEAN	T	1	đ	1	**	2	3	4	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLL	UTANI	- C/	ARBON	MONO	(IDE							U	NITS -	PART	rs PEF	R MILL	ION							
	STAT	ION -	D.0	н. в	ATHURS	ST & V	VILSON	N	N	3400	7		M	ONTH S	EP	73									
HOUR DAY 1 2 3 4 5 6 7 8 9	1 2531101233	2 23 1 1 1 0 1 2 3 3	3 3 1 0 1 0 2 3 3	4 22 1 0 0 0 0 2 3 3	5 3 2 1 0 0 0 2 3 3	6 4 3 1 1 1 0 2 3 3 6	7 5 3 1 5 4 2 3 3 3 10	5 2 1 12 10 2 3 4 4	9 53 1 7 42 4 4 3 7	10 5 3 0 3 2 1 3 4 3 6	11 52 03 11 12 44 37	12 4 20 22 1 23 36	13 5 1 1 2 2 1 2 3 3 7	14 6102302226	15 62 1 2 2 0 2 2 2 2 6	16 4 2 1 2 2 0 2 2 2 6	17 4 2 1 2 1 0 2 2 2 3	18 4 2 1 2 0 0 2 2 2 3	19 4 32 22 00 22 23	20 5 4 4 4 1 0 3 2 3 4	21 5 4 5 4 1 0 4 2 3 4	55 4 3 1 1 3 2 2	23 65 4 20 1 3 2 3 4	24 7 5 2 2 0 1 3 3 3	MEAN 4 3 2 3 2 1 2 3 3 3 5
11 12 13 14 15 16 17 18 19	3233221102	3232221101	3232330102	3 3 1 3 4 1 1 0 2	3 4 1 4 7 1 2 0 2	3 4 6 5 3 1 1 5 0 4	4 6 9 8 3 8 1 10 10	4 6 12 7 2 4 1 7 0	3 5 11 5 2 3 1 4 0 4	3 4 6 3 2 3 1 3 0	3 4 5 4 1 3 0 2 0	3 4 5 3 1 3 1 2 0	3 4 4 4 1 5 1 1	7 1 5 0 0	2 3 6 1 6 1 0	2 3 7 6 2 6 1 2 0	237625120	2 3 5 5 2 4 1 1 0	235533010	335633211	335633302*	3 3 4 4 3 2 4 1 2	3 4 4 3 3 2 4 0 2	3 4 4 3 3 3 2 3 0 2 ****	3 4 5 4 2 4 1 2 0
21 22 23 24 25 26 27 28 29 30	***** 1 1 2 1 3 4	***** 1 1 2 1 2 3	* * * * 1 0 2 2 2 3	1 0 2 2 2 3	1 1 2 2 2 3	* * * * * 4 3 4 3 2 4	7 8 8 4 3 5	8 9 7 5 3 4	**** 4 5 5 5 5 3 3	3 2 4 5 2 3	3 2 4 5 2 3	323423	DATA DATA DATA 5 3 2 1 5 1 4	MISSII MISSII MISSII 3 2 1 5 1 3	NG - NG - NG - 4 4 2 2 6 1 3	6 4 4 1 6 1 3	5 4 4 1 7 1 3	5 4 4 1 7 1 5	5 3 3 1 5 2 6	4 3 4 1 5 2 8	4 3 4 1 5 2	3 4 5 1 5 2 6	2 2 4 1 5 4	1 1 4 1 3 5 5	3 3 2 4 2
MEAN	2	2	2	2	2	3	5	6	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 86

						ONTAI	RIO I	MINIS	TRY (	OF T	HE E	NVIRO	NMENT	- AI	R MAI	NAGEM	ENT I	BRANCH	4						
	POLLU	TANT	- CARB	ON M	ONOXI	DE							UN:	ITS -	PART	S PER	MILL	ION							
	STATI	ON -	D.O.H.	BAT	HURST	8 W	ILSON		NO	3400	7		MO	о нти	CT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
DAY 1 2 3 4 5 6 7 8 9	3 2 3 0 2 1 3 1 1 1	3210011211	3 1 0 0 1 1 1 0	2 1 1 0 1 1 1 0 0 0 0	4 2 2 1 1 1 1 1 1	8 5 3 4 2 2 1 1 1 3	14 8 3 7 2 3 1 2 4 12	10 8 3 9 2 2 1 2 6	6625232267	5524232245	5525242235	5 6 2 3 4 2 3 3 3	5643232323	5 7 4 4 2 3 2 2 3 3 3	6855132233	7 9 2 8 1 2 2 2 5 4	7 6 2 6 1 3 2 3 5 5	6614033355	6 5 1 3 1 4 3 4 6 4	5422153563	6 3 2 2 1 4 3 4 7 2	4 3 2 2 1 3 3 4 9	3 2 2 2 1 3 2 3 6 1	2312132330	5 5 2 3 1 3 2 2 4 4
11 12 13 14 15 16 17 18 19	0 4 3 1 2 3 4 3 4 3	0 1 2 1 2 3 4 3 3	0 1 0 1 2 3 4 3 3	0 1 0 1 2 4 4 3 3 4	0 2 0 1 2 4 4 3 4	2 4 1 2 3 4 5 4 5 3	2 6 2 2 4 5 7 4 7 3	5932756 <b>4</b> 93	57 33 65 55 49 4	4 5 2 3 5 5 4 4 9 4	3 4 2 3 5 4 3 8 4	3 3 3 5 4 3 7	4 3 3 4 4 3 6 4	4 4 2 2 3 4 4 2 6 4	4 5 2 2 3 4 3 3 8 3	6 6 2 1 3 4 3 4 9 3	7 9 2 2 3 4 3 4 9	5822344494	66 23 4 4 4 8 4	4 5 1 3 4 4 4 4 8 4	4 5 1 3 5 4 4 7 4	3 1 3 4 5 4 4 5 3	4 1 2 4 5 4 5 4	6 3 1 2 4 4 3 4 6 4	3 5 2 2 4 4 4 7 4
21 22 23 24 25 26 27 28 29 30	4 9 9 2 2 1 1 4 4 5	4 9 9 1 2 0 1 4 4	4 9 6 1 2 0 1 3 4	4 8 5 2 2 0 1 3 3 4	4 7 5 2 3 0 1 3 4	4 8 10 6 5 2 1 3 4 4	4 13 14 13 12 3 1 3 5 4	5 19 20 21 12 4 1 3 7	6 18 19 13 15 22 4 86	13 13 10 12 1 3 4 6	4 9 1 1 9 6 0 3 4 6 5	5 8 9 6 5 2 4 6 5	4565423665	4 9 6 6 3 2 3 6 6 6 6	4 9 6 5 4 2 3 5 6	5 8 7 6 6 2 3 5 6 4	5 8 7 9 7 3 5 7	6 8 7 10 7 2 3 5 7 4	7 9 7 7 6 2 3 5 6 4	7 7 7 7 4 2 4 5 6 5	8 10 10 7 4 2 4 5 6 5	8 12 11 6 3 1 4 4 5 5	10 15 8 6 3 1 4 4 4 6	11 13 5 5 3 1 4 4 4 6	5097622455
31	5	4	3	3	3	3	6	10	9	7	6	7	6	7	7	7	10	9	7	5	5	4	4	3	6
MEAN	3	2	2	2	2	4	6	7	6	5	4	4	4	4	4	5	5	5	5	4	5	4	4	4	4

UNITS - PARTS PER MILLION POLLUTANT - CARBON MONOXIDE NO 34007 MONTH NOV STATION - D O H BATHURST & WILSON 24 MEAN 7 2 2 3 3 1 2 3 3 3 4 2 1 2 2 3 4 2 1 2 2 2 2 2 3 DATA MISSING 2 \* DATA MISSING 5 2 8 1 2 1 2 2 6 3 6 1 0 1 2 2 5 5 11 1 2 3 5 5 11 1 2 3 2 4 4 7 0 2 1 4 2 8 13 2 2 MEAN 

PERCENTAGE OF DATA VALID - 43

PERCENTAGE OF DATA VALID -

						ONTA	RIO	MINIST	٦Y	OF TH	IE E	NVIR	DNMEN.	r - AII	R MA	NAGEN	IENT	BRANC	Н						
	POLLU	TANT	- CAR	BON N	IXONON	DE							10	NITS -	PART	S PER	MILL	ION							
	STATI	ON -	D.O.H	BAT	HURST	. & W	ILSON		NO	34007	ź		MC	ONTH DI	EC	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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15 16	2	2	2	2	2	2	2	2	2	3	2	2	2	2 2 2	2 2 2	2 2 2 2	2	3 3 3 2	3	3	3	3	3	3 2	2
17 18	2	2	2	2	2	2	2	2	3	2	2 2 2	2	2 2 2	2 2	2	2	2 2	3	2	2	1	1	1 4	1 5	2
19	4	4	4	3	2	2	2	2	5	7	, 2	4	3	3	3	2	2	2	4	3	3	3	2	1	3
20	1	0	0	0	0	0	0	2	3	2	1	1	3	1	1	1	1	1	1	2	1	U			9
21	0	0	0	1	1	1	1	1	2	1 3	0	0	0	0	0	0	4	1	3	1	1	1 3	0	0	1 2
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31	7	5	6	4	.3	2	2	3	3	3	4	4	4	4	ě	18 18	Will do	8 111 3	0000	1000	***	7000	0000	0000	0000
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# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

UNITS - PARTS PER MILLION

STATION - D.O.H. BATHURST & WILSON NO 34007 POLLUTANT - CARBON MONOXIDE

OF DATA

MIN

0 2

0.7

OCT

NOV

DEC

YEAR

MONTH DAYS OF VALID DATA AVERAGE CONC. 24-HOUR MAXIMUM MAXIMUM READING JAN FEB MAR APR MAY JUN JUL AUG SEP 

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - CARBON MONOXIDE UNIT - PARTS PER MILLION STATION - D.O.H. BATHURST & WILSON NO 34007 00 TO 01 02 TO 03 04 TO 08 09 TO 13 14 TO 30 31 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL n AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT CONCENTRATIONS

1.3

FREQUENCY DISTRIBUTION, PERCENT

4 6

2 5

7 8

5.8

9.3

MAX

2.3

UNITS - PARTS PER MILLION POLLUTANT - CARBON MONOXIDE MONTH JAN STATION - ELMCREST ROAD, ETOBICOKE NO 35003 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 1.0 10 0 2 8 8 8 3 2 12 13 14 15 16 17 18 19 20 5 5 2 0 2 1 0 Ó 2 5 3 5 3 5 22 23 24 25 26 27 28 29 30 3 1 2 2 1 2 2 3 1 2 1 1 ó MEAN 

PERCENTAGE OF DATA VALID - 86

						ONTA	ARIO	MINIS	TRY	OF T	HE E	NVIR	DNMEN.	T - A1	R MA	NAGEN	IENT	BRANC	СН						
	POLI	UTAN	r - c	ARBON	MONO	KIDE							UI	NITS -	PAR	TS PEF	MILL	ION							
	STAT	TION -	- ELMC	PREST	ROAD	ETOE	BICOKE		NC	3500	3		Me	ONTH F	EB	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3	2 0 1	1 0 1	1 0 1	1 0 1	0	0	1 0 1	2 1	4 3 1	4 4 1	2 3 1	1 3 1	2 3 1	2 4 1	2 9 1	2 8 1	2 7 1	10	1 8 1	1 4 1	0 1 1	0 1 1	1 1 1	0 1	1 3 1
4 5 6 7 8 9	* * * * 2 2 0 0	2 2 0 0	2 2 0 0	1 2 0 0	1 1 0 0	2 1 0 0	2 2 0 1	2 2 0 4	2 2 0 2	2 2 0 1	2 1 0	2 1 0	2 1 0 0	2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 0	2 1 0 1	2 1 0 1	3 2 1 0	3 1 0 1	2 3 1 0	2 2 1 0	2 2 0 0	2 2 0 0 1	2 2 0 0 2	2 1 0 1
10	1	2	2	2	2	2	4	4	3	1	2	0	0.000.0	9999	0000	0000	0000	****	<b>维 松 俊 敬</b>	***	9100	2000	****	3 2 11 10	4.6.8.8
11 12 13 14 15	2 1 0	1 1 0 2	1 1 0 0	1 2 0	2 1 0	2 2 0	2 3 0 4	3 7 0 4	3 7 0	2 6 0 4	1 4 0 4	1 0 0		MISS: 0 0 0		0 0 1 0	2 0 1 0	2 4 1 0	2 3 1 0	2 3 1 1	3 3 1 1	4 3 1 1	2 4 1 1	2 3 1 1	2 2 2 0
17 18 19 20	0000		****		\$1. 12 St 11	n in it is	0000	11 0 0 0	e protest	-) 4 = 0	gege ma	a ny a	DATA	MISS: MISS: MISS:	ING -	2	2	2	3	3	3	3	3	3	* 2 * *
21 22 23 24 25 26	2 4 2 5 2	2 3 2 4 2	2 2 4 1 5	2 3 4 1 5 3	2 3 4 1 5 3	3 4 2 6 4	4 3 4 2 5 5	656257	6 4 6 2 5 6	5 4 4 2 4 4	5 3 4 1 4 3	6 3 3 1 4 2	3 2 0 2 2 2 2	3 2 2 2 3 1 MISS	3 2 1 1 4 2	3 2 2 1 4	4 3 2 2 3 1	5 3 2 2 3 1	5 3 1 2 3 2	5 3 1 3 3 3	4 3 1 3 3 3	2 3 1 3 3 3	2 3 1 4 3 3	2 4 1 5 3 4	4 3 3 2 4 3
27 28	2000	0000	0 0 0 0	9000	3/44/	4595	東西東京	and ded	DWGW	0.000.0	40.00	* 0 0 %	0.408	M155.	90=9	2	2	2	2	2	2	3	2	3	* * * *
MEAN	2	1	2	2	2	2	2	3	3	3	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE MONTH MAR NO 35003 HOUR DAY 1 2 3 4 5 6 7 8 9 DATA MISSING 6 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 1 2 12: 2221 3 2 1 2 2 3 MEAN 

PERCENTAGE OF DATA VALID -

POLLUTANT - CARBON MONOXIDE

						ONT	ARIO	MINI	STRY	OF T	THE E	NVIR	ONMEN	T - AIF	R M	ANAGEN	MENT	BRAN	СН						
	POLL	UTANT	- C	ARBON	MONO	XIDE							U	NITS -	PAR	TS PEF	MILI	LION							
	STAT	ION -	ELM	CREST	ROAD	. ETO	вісок	E	NO	3500	03		М	ONTH AF	PR	73									
HOUR		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	1004053222	1003042222	1 1 3 0 4 2 2 2 1	1 1 1 0 4 1 2 2 1	1011031221	20111032221	2 0 1 2 0 4 2 2 3 1	2122032231	2 1 3 2 0 3 3 1 3 1	2122023230	2 1 1 0 1 2 1 3 0	1 1 1 0 2 1 2 3 0	1 1 1 1 0 1 1 1 3 8 0 0 0 0	1 1 1 1 0 1 1 1 2 2	1 1 2 1 0 0 1 1 2 3	1 1 3 1 0 0 2 0 2 3	1 1 4 1 0 1 2 0 2 3	1 2 5 1 0 1 3 1 2 3	1 1 8 0 0 1 2 2 1 3	1 1 6 0 0 2 2 1 1 2	1 1 5 0 0 2 2 2 2 2 2 2 2	1 1 5 0 1 2 2 3 2 2	0050422322	0 4 0 5 2 2 2 2	1 1 3 1 0 2 2 2 2 2 2 2
11 12 13 14 15 16 17 18 19	2 3 3 4		2 4 3 2	1 4 2 2 2	1 4 2 3	4 4 2 3					5 3 3 2	0000	DATA 1 DATA	4 3 2 2 MISSIN MISSIN MISSIN MISSIN	IG - IG -	4 3 3 4	4 2 2 4	4 2 3 4	4 3 3 4	3 3 3 	3 3 3 3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	3 3 3 3	3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3 3 4 	4 3 3 3 3
21 223 24 25 267 28 29 30	2 0 4 3 4	* * * * * 2 0 4 4 4	2 2 4 4 4	* • • • • • • • • • • • • • • • • • • •	* * * * * * 4 4 4 4	2 2 5 5 6 6 4 4 4 V V V V	**** 3 **** 4 ****	3 0 0 0 0 4 4	2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000		DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN	IG - IG -	0 3 4 4 2	2 0 3 4 2	2 0 4 4 2	3 1 4 4 2	3 1 4 4 3	3 1 4 4 4	3 0 3 5 4	3 1 3 4 4	3 1 3 4 4	* · · · · · · · · · · · · · · · · · · ·
MEAN	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

						UNIA	11.0	MILITARY	CACAL		10.00			3 696310											
	POLLU	TANT	- CA	RBON	MONOX	IDE							UN	IITS - I	PART	S PEF	MILL	ION							
	STATIO	ON -	ELMC	REST	ROAD.	ETOB	ICOKE		NO	3500	13		MC	NTH MA	Y	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1.8	19	20	21	22	23	24 1	MEAN
DAY 1	0000	000	0.10	2000	1.00	8 × 9 ×		n grapera	*****	2 0 0 5	3664		3	3	3	3 2	3	3	2	2	2	1	2	1	6 7 4
2 3 4 5	1 3 2 2	1 3 3 2	1 3 3 2	1 4 3 2	2 4 4 2	3 4 3 2	3 4 4 2	4 4 1	2 3 4 0	0 3	0 2 1 0	3 1 0	0 2 0 0	3 1 0	3 1 0	1 0	1 0	2200	3 2 0	2 2 0 1	2 2 0 2	2 0 2	2 2 0 2	2 0 2	3 2 1
6 7 8 9 10	0 1 0 1	0 1 0 1	0 1 0 3	0 3 0 3 0	0 2 0 3 0	3 0 3 0	1 3 1 5	0 2 1 3	1 1 2 1	0 1 2 2 1	0 2 2 0	0 2 1	0 0 0 1 3	0 3 1 3	0 3 1 5	0 4 1 5	0 4 0 4	0 3 0 6	0 3 1 5	0 3 3 4	0 2 2 3	0 2 2 3	0 2 2 3	0 2 1 2	1 2 2 2
11	3 2	3	3 2 2	3	2 3	2 3 2	2 3 2	2 3 2	1 3 2	1 2	2 3 1	3 3	3 3 1	3 2 1	3	3 3 2	2 3 2	2 2 3	2 3 2	2 3 2	3 3 2 3	2 3 2	3	2 2 2	2 3 2
13 14 15 16	2 4 3 3	33333	4 3 3 3	3 3 2 3	3 3 3	3 3 4	3 4 3 4	3 3 4	1 3 2 3	3 1 3	2 2 2 2	2 2 2	2 2 1 2	3 2 1 2	2 2 1 3	2 1 2 2	2 2 1 2	2 3 2 1	2 2 2 2	3 2 2 2	3 2 2 2	3 2 2	3 2 2	3 2	232332332
18 19 20	3 3 2	332	3 3 2	3 1	3 3 2	3 4 2	3 4 3	3 2 2	3 1 1	3 0 1	2 0 1	2 1 0	2 1 0	2 1 0	0	0	2 1 0	1 0	2 1 1	2 1 1	2 1	3 3 0	3 2 0	3 1 0	3 2 1
2234 2256 2278 229	1 1 5 2	1 1 6 2	1 1 5 2	1 1 6 2	0 1 8 2	0 1 9 2	0 1 10 2	0 1 7 2	0 1 5 2	1 0 3 2	1 0 3 2	0 0 3 2	DATA DATA DATA DATA	0 0 2 2 MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	G - G - G - G -	0 2 2 2 ***	0 3 2 *****	0 3 2 ****	0 3 2 ****	0 4 2 0000	1 6 2	2 6 2	1 5 2 ****	1 6 2	0 2 4 ****
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# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

UNITS - PARTS PER MILLION

STATION - ELMCREST ROAD, ETOBICOKE NO 35003

POLLUTANT - CARBON MONOXIDE

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	29	2	6	10
FEB	23	2	4	10
MAR	24	2	4	8
APR	22	2	4	8
MAY	24	2	4	10
JUN		DATA MISS	SING	
YEAR	122	2	6	10

		ONTAR	RIO MINISTE	RY OF THE	ENVIRONMEN	T - AIR MANA	GEMENT BRA	NCH		
MONTHLY GI	ROUP FREQU	JENCY CLASSI	FICATION FO	OR 73						
POLLUTANT	- CARBON	MONOXIDE			UNI	T - PARTS PER	MILLION			
STATION -	ELMCREST	ROAD, ETOBI	COKE	NO 35003						
	00 TO 01	02 TO 03	04 TO 08	09 TO 13	14 TO 30	31 &OVER	TOTAL			
JAN	287	197	157	5	0	0	646			
FEB	193	184	73	2	0	0	452			
MAR	280	179	66	0	0	0	525			
APR	158	199	86	0	0	0	443			
MAY	197	311	39	2	0	0	549			
JUN		DATA MISSI	NG							
YEAR	1115	1070	421	9	0	0	2615			
FREQUENCY	DISTRIBUT	TION BY PERC	ENTILES							
	PERCENT OF DATA VALID	MIN	10	FREQUE 30 50	CONCENTRA NCY DISTRIBU 70		T 98	99	MAX	ARITH MEAN
	72	0	0 2	0.7 1.3	2.2	3.7 4.5	5.7	6.7	10	2.0

UNITS - PARTS PER MILLION POLLUTANT - CARBON MONOXIDE MAL HTMOM STATION - EVANS/ARNOLD ETOBICOKE DAMST NO 35033 24 MEAN HOUR DAY Ó 2 1 2 ò DATA MISSING 22 23 24 25 26 27 28 29 30 4 4 5 4 3 4 3 2 2 4 4 5 3 3 3 3 3 4 3 4 5 10 7 3 4 3 5 .... MEAN 

PERCENTAGE OF DATA VALID - 89

						ONTAR	RIO N	MINIST	BY (	OF TH	HE EN	NVIRON	MENT	- AIF	MAN 1	NAGEME	NT E	BRANCH	1						
	POLLU'	TANT	- CAR	BON M	ONOXI	DE							UNI	TS -	PARTS	S PER	MILLI	ON							
	STATI	ON -	EVANS	ARNO	LD ET	OBIC	OKE OF	MST	NO	35033	3		MON	ITH FE	В	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24 M	IEAN
1 1 2 3 4 5 6 7 8 9	1155544346	0 0 4 5 5 3 4 3 4 6	0 0 4 4 4 3 4 3 4	00445334336	1 0 5 4 5 3 4 2 4 6	1 1 5 4 5 3 4 2 4 6	3254645377	8 4 5 4 8 4 6 4	7 6 5 5 7 4 6 7 7	3755645256	2355535456	1354535547	1455435536	2465435547	2855445547	3 1 0 6 5 5 4 5 6 6 7	3 15 5 5 6 4 6 6 7 7	1 14 5 5 5 5 4 5 5 6 7	1 99 5 5 4 4 4 4 7 7	0555434476	04553334466	0555334466	1 5 5 5 5 3 3 3 4 6 7	1 4 5 4 3 4 3 4 6 6	2555555456
11 12 13 14 15 16 17 18 19 20	7 6 7 10 6 4 3 3 3 3	7 6 6 7 5 4 3 3 3 3	6 5 6 7 5 5 3 3 3 3	66575433333	6668543033	6679643333	6 8 11 12 7 5 3 2 3 4	6 10 14 13 8 6 3 3 4 5	6 8 12 7 6 6 4 3 4	6 7 6 7 6 6 3 3 3 4	66575633333	6537653344	6 5 3 7 5 4 3 3 4	6 5 3 7 5 4 3 3 3 3	6547543343	6668643343	6677634354	6567534343	8877534343	7896534333	7806534332	7 8 1 1 7 5 2 3 3 3 3 2	8 7 12 7 5 3 3 3 3 2	6806532332	6 7 7 8 6 4 3 3 3 3
21 22 23 24 25 26 27 28	22223213	22223213	2 2 3 2 2 2 1 3	322222+2	22222212	32222213	3 4 2 2 4 3 5	3 5 7 3 2 7 4 8	35632535	3 5 3 2 1 2 5	33322124	23112113	2 2 1 1 2 1 1 3	3 1 0 2 2 0 1 3	4 2 1 2 3 1 1 3	5 2 2 2 1 2 3	4 3 2 2 2 2 3	6 3 2 3 2 1 3	53323132	42323142	4 2 2 2 3 1 4 3	3 2 2 2 3 1 4 2	3 2 2 2 3 1 3 2	23233132	33322223
MEAN	4	4	3	3	3	4	5	6	5	4	4	4	3	4	4	4	5	5	4	4	4	4	4	4	4

UNITS - PARTS PER MILLION POLLUTANT - CARBON MONOXIDE STATION - EVANS/ARNOLD ETOBICOKE DAMST NO 35033 MONTH MAR 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 3 4 3 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 1 3 3 4 3 1 3 3 3 3 2 4 6 7 0 3 0 1 1 1 0 1 1 1 0 1 2 2 0 0 0 

PERCENTAGE OF DATA VALID -

MEAN

					,	ONTAR	10 N	INIS	TRY	OF T	HE E	NVIRO	NMEN.	T - AI	R MA	ANAGEN	MENT	BRANC	н						
	POLLU'	TANT	- CAR	BON MO	NOXI	DE							U	VITS -	PART	TS PEF	MILI	ION							
	STATIO	ON -	<b>EVANS</b>	ARNOL	D ET	OBICO	KE OA	MST	NO	3503	3		M	A HTMC	PR	73									
HOUR DAY 1 2 3 4 5 6	1 0 0 2 3 1 1 3	1 0 2 4 1 1 2	3 0 0 2 4 1 1 2 2 2	4 0 0 2 3 1 1 2	5 0 0 3 3 1 1 2 2	6 1 3 3 1 1 2 2	7 1 2 4 3 2 1 2 1	8 1 4 6 4 2 3 2 1	9 1 3 5 4 2 2 2 1	10 22 4 3 2 2 2 2 2	11 2 1 3 3 2 1 1 1	12 1 2 3 3 2 0 1	13 1 2 3 3 2 0	14 1 2 2 3 1	15 1 2 3 3 1	16 1 2 3 4 1	17 1 3 4 4 2 1 0	18 1 1 3 3 2 1	19 1 2 3 3 1 2 1 1	20	21 1 2 3 2 3 3	1 2 3 3 2 3 2 2	23 1 2 2 3 2 2 2 2 2	1 2 3 2 1 3 1 2	1 2 3 3 2 2 1 1
9	2 2	1 2	1 2	1 2	1 2	1 3	2 4	2 4	3	3	2	2	2	3	3	3	3	3	3	2 3	3	3	3	3	3
11 12 13 14 15 16 17 18 19	2 2 1 4 2 2 3 2 4	221333334	220332334	2 2 0 3 3 2 3 2 3	220332332	2 2 1 3 3 3 3 2 2	3 1 4 3 4 3 3 3 3	4 1 3 2 5 4 5 5	3 4 2 2 1 3 3 3	3 2 2 1 0 1 3 2	3 2 1 0 	3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 4 2 DATA	3 1 0 4 2	3 1 0 2 4 2 NG -	3 0 0 4 4 2	4 	3 1 1 1 1 4 1 3	4 1 2 1 2 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2	4 1 2 2 0 4 1 2	3 2 2 1 3 2 2 2	3 2 3 2 1 3 2 2 2	324224422	22322323	3 2 1 2
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POLLUTANT - CARBON MONOXIDE UNITS - PARTS PER MILLION

STATION - EVANS/ARNOLD ETOBICOKE DAMST NO 35033 MONTH NOV 73

24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 DATA MISSING 3 4 0 1 ò 1 4 3 1 MEAN 

PERCENTAGE OF DATA VALID - 36

ONTARIO N	MINISTRY	OF	THE	ENVIRONMENT -	AIR	MANAGEMENT	BRANCH
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UNITED DADTE DED MILLION

	POLL	UTAN	r - C	ARBON	MONOX	IDE							UI	NITS -	PAR	TS PER	MILL:	ION							
	STAT	ION	- EVAI	NS ARM	OLD E	TOBICO	OKF O	AMST	NO	3503	33		M	D HTMC	EC	73									
HOUR DAY	11	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	1.6	17	1.8	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 3 4 1 2 1 1 3	1 3 **** 1 1 1 1 1 2	1 3 ***** 1 1 1 1	8 8 1 8 1 1 1 1 1	1 1 1 1 1	1 1 1 1 0	2 1 1 1 1 1 1	2 1 4 3 2 2	2 1 6 4 2 3	2 1 6 3 2 2 2	2 1 3 3 2 2 2	2 1 3 4 2 2	1 1 3 4 2 2 1	1 0 t n : 4 5 2 2	1 1 3 4 2 2	4 3 2 2 1	2 1 2 4 3 2 2	2 1 2 3 3 3 2 1	21122231	2 1 1 2 1 2 2	2 1 1 1 1 1 3 1 1	3 2 1 1 1 1 2 1	3 2 1 2 1 1 2 1	3 1 2 1 . 3 1	2 1 3 2 2 1
10	1	1	1	1	7	1	2	3	4	3	3	2	1	2	3	3	2	2	2	1	1	1	1	1	2
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#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - EVANS/ARNOLD ETOBICOKE DAMST NO 35033

136

YEAR

POLLUTANT -	CARBON MONOXIDE			UN	ITS - PARTS PER MILLION
MONTH	DAYS OF VALID DATA	AVERAGE	CONC .	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	2		5	11
FEB	28	4		8	1.5
MAR	31	2		5	11
APR	19	2		3	6
MAY			DATA	MISSING	
JUN			DATA	MISSING	
JUL			DATA	MISSING	
AUG			DATA	MISSING	
SEP			DATA	MISSING	
OCT			DATA	MISSING	
NOV	12	2		4	10
DEC	16	1		3	6

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - CARBON MONOXIDE UNIT - PARTS PER MILLION STATION - EVANS/ARNOLD ETOBICOKE DAMST NO 35033 00 TO 01 02 TO 03 04 TO 08 09 TO 13 14 TO 30 31 &OVER TOTAL 195 373 97 3 0 668 JAN 0 FEB 52 261 340 15 3 671 672 230 277 154 1.1 0 0 MAR 45 0 0 415 APR 120 250 0 DATA MISSING MAY DATA MISSING JUN JUL DATA MISSING DATA MISSING AUG DATA MISSING SEP OCT DATA MISSING 88 265 NOV 135 39 3 O 0 232 115 16 0 0 363 DEC 0 964 1364 691 32 3 3054 FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 30 50 70 90 95 PERCENT OF DATA ARITH MEAN F DATA MIN 10 98 99 MAX 70 0 2.6 0.3 1.0 1.7 2.7 4.6 5 8 7.0 8 3

UNITS - PARTS PER TEN MILLION

STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH JAN MEAN Q HOUR DAY A 1.1 39 31 30 32 27 33 41 34 36 29 29 31 26 31 40 33 37 29 27 30 27 29 37 33 37 29 31 26 30 28 31 36 32 37 37 32 32 32 32 31 31 41 25 28 27 27 31 33 39 59 29 29 29 23 30 30 34 32 29 29 28 31 34 32 38 35 32 29 30 31 31 34 32 29 28 33 27 33 30 40 33 41 29 34 23 40 33 27 40 25 31 25 29 26 35 33 27 38 25 30 25 29 27 34 33 27 32 25 30 24 29 27 31 33 27 30 26 29 24 30 29 35 29 27 30 25 29 29 29 33 28 32 27 30 26 29 30 33 31 37 30 31 27 30 31 31 33 27 43 27 29 25 29 27 30 37 29 33 26 30 25 29 27 35 33 34 31 28 32 27 27 31 31 33 40 33 31 35 21 22 22 26 36 35 22 23 25 12 27 36 31 33 25 22 25 19 26 27 43 39 39 21 22 25 25 41 31 31 32 22 22 27 41 30 31 40 22 31 24 27 39 31 32 38 22 31 227 27 35 31 32 34 23 21 24 26 37 31 31 32 28 19 26 37 30 35 31 23 25 19 27 34 30 33 23 25 19 27 49 35 32 35 21 25 19 25 37 37 31 35 20 21 25 19 27 39 37 31 36 21 23 28 21 26 41 35 29 37 21 22 23 27 41 33 30 38 21 26 25 27 41 31 29 38 22 23 25 24 25 12 13 14 15 16 17 18 19 20 45 35 32 35 19 21 25 18 25 43 35 33 19 21 25 125 43 35 31 19 21 27 27 41 35 31 33 18 21 23 16 27 37 35 31 33 16 20 23 17 27 37 37 31 33 16 21 23 18 27 31 39 25 27 23 27 27 29 31 25 29 32 23 31 34 33 31 35 24 27 31 19 25 28 33 19 24 30 30 19 25 31 21 26 31 24 27 26 27 30 27 31 33 29 33 31 29 32 23 30 31 33 31 31 22 27 33 22 23 24 25 26 27 28 29 30 28 33 38 23 26 31 32 22 25 29 30 21 25 28 31 19 24 27 29 19 25 27 29 19 25 31 29 22 15 27 26 22 15 27 31 21 15 27 37 20 15 31 65 20 15 31 55 19 15 29 53 18 15 25 54 20 15 32 61 13 15 27 13 25 22 15 25 23 15 25 23 15 15 26 13 15 29 13 15 26 13 15 25 14 15 17 22 16 18 21 15 19 21 14 24 22 13 25 20 MEAN 2.7 

PERCENTAGE OF DATA VALID - 95

PERCENTAGE OF DATA VALID -

POLLUTANT - TOTAL HYDROCARBONS

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	POLL	JTANT	- TC	TAL H	YDROC.	ARBONS	3						UN	ITS -	PART	S PEF	TEN	MILLI	ON						
	STAT	ION -	471	UNIVER	RSITY	WINDS	SOR O	AMST	NO	1200	В		MC	NTH F	EB	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 23 4 5 6 7 8 9	21 16 22 25 27 23 30 17 13	21 15 22 23 26 23 27 17 13	20 15 22 24 25 26 15 13 20	20 152 23 25 25 25 15 19	20 15 21 21 25 21 25 15 13	20 14 21 21 24 22 26 15 13	21 16 21 22 25 23 27 17 15	24 19 21 22 25 29 17 19	25 21 22 23 25 25 19 26	21 22 23 25 27 18 23	19 22 23 22 25 24 26 14 23 13	19 19 23 27 25 61 10 13	19 23 25 25 25 24 25 11 19	19 29 25 25 25 25 119 13	19 24 29 25 27 25 12 17	20 21 33 25 26 29 26 13 16	23 36 23 26 28 32 15 19	21 237 25 25 29 25 17 15	19 24 37 28 25 31 21 17 15	18 25 36 37 25 32 20 15 18	17 25 35 39 23 29 19 13 18	165563983913911	16 25 33 31 23 29 18 13 17	15 24 29 29 20 19 13 17	20 21 27 26 25 26 25 15 17
11 12 13 14 15 16 17 18 19 20	10 10 14 17 15 9 15 15	100 14 55 95 7 1 1 4	10 9 13 15 13 9 15 21 11	993443959112	9 9 4 15 2 9 15 9 1 1 3	9 9 4 6 1 9 5 7 1 1 5 1 1 5	11 10 14 16 11 10 17 14 11	11 11 16 19 14 11 17 19 14	11 12 17 21 15 13 19 17 17	12 11 17 20 15 11 22 15 14	13 11 21 19 15 11 21 14 15	11 17 19 17 16 11 25 13	11 26 18 17 11 19 14 13	10 12 32 18 17 13 17	10 13 28 18 16 13 15 11 13	10 15 29 17 13 13 14 11	9 17 29 17 14 15 13 11 13	10 17 23 17 13 15 13 11	10 15 22 17 11 15 15 11 11	10 15 24 15 10 15 14 11 11	10 14 23 16 11 15 13 11	10 14 19 18 9 15 13 11 14 13	10 14 17 17 10 15 13 11 14	10 14 17 15 10 15 13 11 15	10 13 20 17 13 12 16 14 13
21 22 23 24 25 26 27 28	13 10 12 13 13 13 23	13 11 14 13 13 13	13 11 13 11 13 15 23	9 11 13 11 13 15 24	9 11 11 11 13 15 24	9 11 13 12 13 15 24	10 13 19 13 12 14 25	13 15 25 13 12 15 27	13 21 28 13 12 25 28	11 18 25 13 12 13 28	11 15 20 13 13 13 27	12 13 15 14 11 13 27	12 13 17 14 12 13	11 14 19 14 12 14 ******************************	11 13 16 13 12 14	11 13 19 13 13 17	11 23 22 14 13 23	11 12 21 14 13 21	11 14 16 13 13	11 13 14 14 15 18	11 15 15 13 13 19	10 13 18 14 13 19	10 11 19 13 13 20	11 11 14 13 13 22	11 14 17 13 13 17
MEAN	16	16	16	16	15	1.5	16	18	20	18	18	17	17	18	1.7	18	19	18	17	18	17	17	17	16	17

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - 471 UNIVERSITY WINDSOR CAMST MONTH MAR NO 12008 HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 19 32 23 25 27 24 16 31 23 16 29 22 15 31 22 31 23 15 29 23 17 31 22 26 29 23 34 35 23 35 29 21 33 29 21 32 29 20 28 28 19 27 25 19 25 24 19 26 23 19 27 23 20 27 23 20 31 23 31 23 29 24 ATA 19 30 19 32 19 20 33 20 20 19 22 19 23 23 17 26 20 20 19 21 18 25 19 19 23 19 18 23 16 17 23 16 18 23 15 18 24 22 21 18 24 17 23 17 22 17 22 16 24 15 25 15 24 17 23 21 24 21 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 30 21 11 20 16 20 16 17 27 22 19 13 20 16 22 16 18 25 17 19 13 17 20 21 18 18 23 13 20 14 18 22 20 19 18 22 17 18 17 17 19 15 21 21 23 37 19 19 17 20 17 21 21 25 41 20 16 18 16 18 20 25 25 20 18 17 15 17 22 20 22 25 17 17 15 17 20 21 21 35 19 16 15 14 17 17 19 22 39 24 17 13 12 18 15 19 21 36 22 18 15 11 20 15 16 25 27 21 19 17 11 23 15 16 32 22 20 17 21 13 22 16 16 33 26 21 25 13 20 17 17 34 27 21 18 23 14 21 16 16 33 23 17 22 21 15 15 16 27 20 21 13 19 17 17 15 16 27 22 20 15 21 17 19 21 25 14 21 14 13 15 16 21 23 18 20 15 13 15 16 21 23 21 19 21 17 13 16 15 22 29 25 21 17 12 19 15 22 25 21 20 17 15 21 16 24 21 23 25 21 17 17 17 17 33 37 38 52 47 35 55 51 50 35 64 53 50 42 49 51 51 37 45 50 51 37 40 47 39 43 51 49 37 39 52 49 38 43 52 54 37 45 52 49 37 45 51 49 37 58 55 51 39 47 50 51 37 37 51 47 37 41 51 46 37 39 49 37 38 48 43 39 41 51 38 43 53 53 41 43 51 54 41 46 51 53 31 41 55 47 31 47 59 47 33 47 55 49 48 33 51 52 51 DATA DATA DATA DATA MISSING MISSING MISSING MISSING DATA MISSING 

PERCENTAGE OF DATA VALID -

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	STAT	ION -	471	UNIVE	ASITY	WIND	SOR	DAMST	NO	1200	3		M	ONTH	APR	73									
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21 22	19	22	31	31	36	23	16	15	17	19	19	19	19	18 MISS	17	19	19	20	21	19	23	0000	0000	* * *	21
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PERCENTAGE OF DATA VALID -

 MEAN

UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROCARBONS STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH MAY 24 MEAN HOUR DAY 17 15 14 14 DATA MISSING 17 17 18 18 14 . 15 16 17 17 17 15 2 3 4 5 6 7 8 9 10 18 18 NG -17 18 18 17 45 25 DATA MISSING -DATA MISSING -DATA MISSING -20 17 17 19 18 23 20 16 18 24 18 21 12 13 14 15 16 17 18 19 20 20 17 25 19 18 23 18 15 17 20 18 18 19 18 22 18 15 17 21 17 19 19 21 17 16 18 21 17 19 19 21 17 17 17 22 17 19 18 19 21 16 17 17 20 17 19 18 19 21 16 17 17 19 18 19 21 17 17 19 19 17 19 19 21 17 15 19 18 17 18 19 21 19 16 19 18 17 19 19 21 15 19 18 17 21 19 19 23 19 15 19 17 26 19 19 27 28 15 19 23 19 30 18 20 33 30 15 19 20 18 33 18 29 21 15 20 21 19 27 17 17 23 22 16 18 22 20 19 19 17 23 18 15 17 23 17 20 17 20 17 23 17 25 29 18 15 26 19 19 29 22 19 15 37 19 20 15 30 19 17 34 19 20 14 19 39 20 19 37 21 20 19 18 19 19 23 25 19 27 22 23 21 22 17 21 22 25 24 20 20 25 16 29 21 24 23 26 20 23 22 15 21 21 23 22 23 24 25 26 27 28 29 30 31 23 23 25 17 19 20 25 29 19 23 19 21 17 19 23 26 25 20 23 19 23 18 19 25 19 23 17 19 23 18 22 17 18 20 25 24 21 23 19 21 17 19 21 27 23 21 21 20 20 17 23 21 21 19 21 17 33 21 29 23 21 23 21 23 16 21 22 22 20 24 16 31 25 25 27 22 25 23 20 19 25 21 24 25 20 19 27 21 25 20 21 19 29 21 25 21 20 19 22 22 28 22 27 25 19 17 21 22 27 29 21 24 19 27 18 32 20 23 19 23 17 19 23 25 47 23 25 20 24 19 15 18 21 39 23 25 20 21 19 25 22 25 20 21 15 21 15 20 22 23 23 26 25 25 MEAN 

PERCENTAGE OF DATA VALID -

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	POLI	UTAN	- TO	TAL H	YDROC	ARBON	S						UN	NITS -	PART	S PER	TEN	MILLI	NC						
	STAT	TION .	471	UNIVE	RSITY	WIND	SOR O	AMST	NC	1200	8		MC	ONTH J	UN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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5 6 7 8 9	29 22 16 30	24 19 17 23	28 21 18 25	21 18 17 33	20 23 21 37	23 22 19 37	23 21 18 27	27 21 18 27	25 18 17 24	22 15 18 23	18 15 19 22	17 15 19 23	16 15 18 21	17 15 17 19	17 16 18 18	21 17 16 17	23 17 15 17	21 17 15 17	22 23 16 17 17	29 23 18 19 18	37 28 19 22 25	32 27 17 25 21	35 23 17 25 22	33 24 18 33 21	22 18 19 24
11 12 13 14 15 16 17 18 19 20	23 25 21 25 27 19 19 23 21 20	20 23 18 23 27 21 19 22 20	25 20 18 25 25 21 19 21 20 21	24 19 17 33 23 23 19 21 21	27 24 17 47 24 28 19 23 21	27 21 18 63 27 23 19 30 23 23	24 22 19 43 23 20 22 22 22 22	28 25 19 37 25 22 20 30 22 5	22 19 25 21 23 20 26 22 22	23 20 25 21 26 20 27 22 21	23 221 29 20 23 21 24 21	21 21 21 24 21 22 19 21 21	20 21 23 21 19 23 21	18 20 21 23 21 19 19 21 21	19 21 19 21 21 19 21 19 21	21 20 20 25 21 19 23 21 22	20 18 20 21 19 21 20 20 21	19 17 20 20 19 21 20 21 19 21	20 19 20 21 19 21 21 19 19	24 19 22 21 19 21 21 22 18	21 17 23 25 20 21 20 21 18 27	23 22 27 19 21 19 23 18	21 30 23 21 19 21 20 23 20 51	23 27 25 31 19 20 21 19 79	22 22 28 22 20 22 20 23 26
21 22 23 24 25 26 27 28 29 30	65 37 23 21 21 18 17 13 15 24	37 33 23 21 23 17 16 13 15 23	33 29 22 27 27 17 15 13 22	37 31 22 28 25 17 17 16 13 23	51 32 25 20 25 17 16 15 13 25	30 28 25 25 25 29 17 14 13 29	33 27 25 22 24 19 17 16 15 29	38 25 24 21 25 21 19 17 15 23	32 24 23 21 25 30 23 15	29 23 21 22 22 30 17 22 15	25 25 21 22 28 35 17 19 18	23 21 22 24 35 16 17 16	22 21 21 25 27 15 23 16	22 20 23 21 25 19 15 25 16	23 20 21 21 25 17 16 17	22 21 21 21 22 19 16 15 17	21 20 21 17 18 15 14 17	20 20 21 22 16 21 16 16 18	20 22 21 16 23 17 17 17	21 20 23 22 16 17 17 18	22 21 27 22 17 14 16 18	26 22 25 27 17 15 14 16 20 21	34 23 21 23 18 17 14 16 23 21	33 23 21 21 19 17 14 17 25 27	30 24 23 22 21 17 17 17
MEAN	24	22	22	23	24	25	24	24	23	22	22	21	20	20	19	19	19	19	19	20	21	22	23	25	22

	POLL	UTANT	- T(	DTAL H	YDROC	ARBON	IS						U	NITS -	- PART	S PEF	R TEN	MILL	ION						
	STAT	ION -	471	UNIVE	RSITY	WIND	SOR C	AMST	NO	1200	80		M	онти .	JUL	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	31 18 23 32 19 37 28 23 21	35 19 21 33 21 41 23 28 21 20	36 22 19 39 29 29 23 20 20	31 22 19 41 31 29 25 23 18 21	26 25 20 25 32 31 23 27 17 25	25 27 23 31 31 32 29 23	22 35 22 22 22 23 23 23 24 23 26 22 26	19 31 27 26 25 30 25 21 29	17 28 25 24 16 23 21 22 26	17 22 29 21 15 19 20 19 26 23	17 20 27 21 13 19 17 18 26 22	17 20 28 19 15 19 16 17 25	17 19 23 19 15 19 16 17 24 23	17 18 22 19 14 19 15 17 27 24	16 18 21 19 13 17 15 17 25 22	15 17 22 19 15 17 15 17 23 22	17 17 23 19 13 15 15 16 22	16 17 23 19 13 15 15 16 21	16 19 26 19 13 15 17 17 20 21	17 21 29 19 13 17 17 21 21	17 22 28 20 17 22 37 25 24 18	17 20 48 21 24 18 36 28 21	17 19 50 21 23 19 27 22 21 18	17 23 34 21 27 24 26 22 21 18	21 22 26 23 20 23 22 21 22 22
11 12 13 14 15 16 17 18 19	18 25 13 13 30 27 24 29 18	18 23 11 12 29 27 23 38 17 23	18 21 13 12 28 31 23 36 19 21	18 25 17 12 28 33 29 41 28 18	17 20 18 13 27 32 39 49 31 24	18 23 20 13 28 35 47 36 44 35	20 27 23 15 28 40 41 40 49 43	21 25 24 15 27 33 43 27 28 31	21 28 18 15 26 32 27 21 27 37	19 25 16 15 28 23 19 24 27	19 23 16 15 26 28 **** 18 20 21	19 17 17 25 26 29  16 16 23	19 17 17 27 26 28 28 20 16 21	19 15 16 27 26 28 16 18 16 21	19 14 15 27 27 28 14 17 17	17 15 15 27 26 27 13 16 16 20	15 13 14 26 26 19 13 17 15	15 13 15 26 26 15 13 17 15	15 13 16 25 26 17 14 15 13	15 16 15 28 27 17 17 17	16 14 29 28 19 16 17	16 17 14 31 28 20 26 18 17	16 15 13 31 27 19 35 17 18	17 16 15 29 26 20 29 16 15	18 19 16 21 27 26 25 24 21 23
21 22	15 18	15 19	15 20	15 21	15 21	15 15	14 15	16 14	18 14	17 15	16 16	17 16	16	15		15	14	15	14	15	15	15	15	18	15
23 24 25 26 27 28 29 30	14 17 16 15 15	13 21 16 19 15	15 19 17 21 15	15 17 17 18 15	17 21 17 15 15	21 19 16 19 15	19 18 16 18 15 27	27 22 18 19 16 27	23 23 17 20 16 21	17 21 17 16 16 16	17 21 19 16 16 16	19 17 18 15 15 17	21 16 19 16 14 16	MISSI 19 17 16 16 14 17	17 17 16 16 14 15	16 17 16 15 14 15	15 17 16 16 14 13	15 17 17 14 14 14	15 17 19 15 14 14	14 19 21 21 14 14	14 17 21 21 15 15	14 21 19 19 16 16	15 25 25 16 16 16	14 19 19 14 15 16	18 19 17 16 15
31	11	13	13	13	1.5	12	15	16	14	13	13	13	11	11	11	13	13	1 4	15	16	15	16	17	15	14
MEAN	21	22	22	23	23	24	26	24	22	20	19	19	19	1.8	18	17	17	16	17	18	19	21	21	20	20

PERCENTAGE OF DATA VALID - 93

						ONTA	ARIO	MINIS	STRY	OF	THE I	ENVIR	ONMENT	- AI	R MA	NAGEN	MENT	BRANG	ЭН						
	POLI	UTANT	- TO	TAL H	YDROC	ARBON	IS						UN	IITS -	PART	S PEF	TEN	MILL	ON						
	STAT	TION -	471	UNIVE	RSITY	WIND	SOR	DAMST	N	0 120	80		МС	NTH AL	JG	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6	21 25 16 30 23 24	17 22 14 23 21 21	15 19 15 24 21	15 15 15 25 33 21	13 14 15 28 37 26	15 15 15 27 42 25	18 15 17 45 41	21 17 18 47 38 22	15 16 17 35 28	13 15 16 25 17	15 16 18 15	15 15 17 15 15	18 15 16 15 15	25 15 17 15 15	19 15 16 15 15	15 17 19 14 15	18 16 17 14 13	15 17 15 15 15	13 18 15 14 15	15 16 19 15 15	17 15 34 19 17	21 16 37 27 19	23 15 32 22 16 17	21 16 37 21 18 21	17 16 19 23 22 18
8 9 10	24 20 17	24 21 16	25 18 16	32 15 16	29 15 13	31 18 13	33 23 15	32 21 16	17 16	19 17 16 13	18 19 17 15	17 18 15 13	16 17 15 13	15 17 14 13	15 17 16 15	15 17 15 15	15 17 15 13	15 18 17 13	17 15 21 13	15 15 23 13	16 18 • • • • •	16 21 ****	19 19 	17 18 **** 21	21 18 16
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UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROCARBONS MONTH SEP STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 24 MEAN 1.1 HOUR DAY MISSING MISSING MISSING MISSING 17 15 17 18 DATA DATA DATA DATA 17 15 19 19 10 14 16 17 14 15 17 15 17 17 13 15 16 19 15 19 17 15 14 17 17 13 15 17 15 16 16 16 18 15 15 14 18 14 16 17 18 17 15 19 18 17 23 19 17 15 14 11 16 20 17 26 18 18 20 16 15 18 17 16 21 19 17 21 15 14 17 15 14 15 13 13 16 19 21 18 15 47 9 14 11 15 14 55 10 25 11 15 21 56 12 34 11 43 11 14 10 11 19 35 41 11 12 9 13 17 32 43 12 14 11 12 16 28 57 9 14 11 13 14 27 23 28 12 16 11 15 12 13 14 15 16 17 18 19 20 23 0000 17 14 15 13 11 11 13 15 12 13 11 13 12 10 13 13 13 18 11 11 10 13 14 13 17 10 11 9 10 17 13 13 17 11 10 10 16 13 11 15 17 12 11 9 10 20 13 13 17 10 10 10 11 19 13 13 19 11 11 11 11 14 15 24 13 13 10 11 21 21 14 48 10 18 11 14 56 10 26 10 13 15 71 10 30 9 12 25 69 16 37 33 57 17 32 10 12 15 15 16 10 11 14 17 10 9 11 18 13 13 14 20 21 19 17 17 17 18 10 13 17 18 16 15 14 21 20 16 19 17 15 15 22 11 22 23 24 25 26 27 28 29 30 16 17 19 21 17 21 15 16 17 20 18 21 15 18 15 17 17 16 18 17 15 17 15 17 19 16 17 15 15 10 16 17 18 17 16 14 17 15 15 17 17 15 14 13 17 12 15 17 17 17 14 14 23 12 17 17 17 15 14 15 18 19 17 17 15 18 17 19 17 19 17 15 17 23 12 21 15 19 15 15 15 25 10 19 18 17 15 14 19 13 22 19 18 21 16 14 17 13 16 23 25 23 18 20 13 31 18 19 37 25 21 23 17 19 18 17 24 22 19 21 16 17 16 25 21 18 19 15 14 16 10 16 32 21 19 17 15 13 24 15 33 20 18 17 16 14 36 9 15 25 22 18 17 20 13 35 9 15 28 23 19 18 20 13 36 9 17 20 34 25 21 20 15 23 11 11 

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POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - 471 UNIVERSITY WINDSOR CAMST NO 12008 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 15 17 15 16 17 16 15 15 21 16 21 17 17 17 17 21 18 21 21 24 20 22 23 DATA 19 22 23 16 18 19 MISSING 17 22 21 17 19 18 21 23 15 17 15 27 16 15 17 25 15 15 21 19 17 19 19 18 17 19 19 17 17 21 18 20 17 16 21 22 20 19 16 20 32 20 19 15 18 25 20 18 15 17 29 19 16 14 17 27 20 16 14 16 23 20 15 14 16 24 19 14 13 18 14 13 35 15 14 39 17 15 21 15 16 19 17 14 13 16 17 14 13 15 20 14 13 15 25 15 13 30 14 14 15 17 15 19 23 17 22 17 36 17 16 19 19 16 20 16 41 17 17 19 16 16 21 16 43 16 17 29 20 20 21 15 16 19 30 22 22 22 16 15 22 30 32 21 21 18 16 19 27 22 20 21 21 17 16 19 21 17 20 15 41 14 15 18 15 19 17 42 15 24 15 16 16 25 17 23 16 58 17 19 31 22 19 23 13 45 17 35 20 21 22 15 37 17 17 32 21 21 23 16 31 16 17 30 21 21 22 15 17 22 30 25 22 21 20 15 25 31 33 20 19 15 23 35 32 20 19 21 15 18 24 21 23 24 32 15 20 18 18 21 17 36 17 25 39 31 21 22 19 17 21 33 29 20 24 25 16 19 33 27 21 23 31 15 19 21 19 21 19 35 15 21 19 19 21 18 39 16 41 DATA MISSING 25 27 12 14 19 23 11 13 15 23 25 13 14 17 22 11 12 15 23 23 13 14 16 21 11 15 23 23 13 15 16 25 9 18 23 20 15 14 16 24 9 16 25 23 15 15 15 15 7 15 26 21 15 13 17 14 9 7 26 19 15 13 17 13 9 7 25 18 16 14 17 14 9 5 25 17 16 15 17 14 9 24 17 15 15 17 14 8 25 17 15 14 17 13 7 25 17 15 14 17 11 7 29 17 14 15 17 11 7 33 17 14 15 19 9 40 17 15 17 19 11 9 45 19 15 17 22 13 13 49 22 13 15 20 13 16 18 40 22 15 15 20 11 14 18 34 21 15 16 20 11 13 15 31 23 14 15 19 11 13 30 14 14 17 20 11 13 15 32 17 14 16 20 11 10 13 68 17 15 21 25 11 11 53 19 15 19 25 12 14 MEAN 

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# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	29	42	66
FEB	27	17	27	39
MAR	25	26	52	64
APR	1.5	16	21	36
MAY	27	21	27	47
JUN	28	22	30	79
JUL	30	20	27	50
AUG	28	19	29	80
SEP	26	17	28	71
OCT	25	19	30	71
NOV	28	19	32	68
DEC	21	18	27	46
YEAR	311	20	52	80

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 UNIT - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 61 TO 90 201&0VER TOTAL 00 TO 10 11 TO 19 20 TO 30 31 TO 60 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA VALID CONCENTRATIONS FREQUENCY DISTRIBUTION. PERCENT 50 70 90 95 MIN 1.0 3.0 20.5 12 4 15 3 18 2 21 8 30.1 35.2 43.9 50.7

UNITS - PARTS PER TEN MILLION

STATION - VICTORIA ST SARNIA CAMST NO 14049 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 25 26 . 19 . 20 25 28 23 30 29 30 32 33 33 25 29 29 30 30 31 32 23 29 33 31 26 34 36 23 30 31 29 26 33 31 32 22 28 29 30 28 32 31 32 22 28 32 30 28 33 31 32 23 30 32 30 28 32 31 32 24 30 33 30 27 32 37 32 20 29 31 28 28 32 29 30 19 29 30 28 29 32 28 30 21 27 30 28 26 33 28 29 27 30 29 28 33 28 28 27 29 28 27 32 28 30 27 30 28 30 34 30 28 27 28 28 28 28 34 27 28 28 28 33 29 26 28 28 28 32 29 26 28 28 31 32 29 28 28 28 31 33 33 27 28 28 32 32 32 26 28 28 28 32 29 26 28 28 31 32 29 29 28 29 34 31 33 29 29 28 32 31 31 30 29 34 32 33 32 28 50 28 12 13 14 15 16 17 18 19 20 30 34 31 28 28 32 32 36 46 31 32 32 32 33 33 32 33 33 34 47 35 51 57 34 47 35 47 36 42 57 35 46 54 36 45 52 37 44 49 36 37 52 34 38 43 32 38 43 33 39 32 49 45 42 46 33 54 44 54 36 54 33 54 41 56 35 57 36 55 34 59 45 63 64 32 32 32 32 36 35 22 23 24 25 26 27 28 29 30 29 29 29 31 29 31 29 31 36 32 45 33 37 44 40 35 49 DATA MISSING -- DATA MISSING -MEAN 

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POLLUTANT - TOTAL HYDROCARBONS

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MEAN	19	17	16	17	17	17	16	18	18	18	18	18	18	18	18	18	18	18	1.7	17	18	18	18	19	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROCARBONS STATION - VICTORIA ST SARNIA CAMST NO 14049 MONTH MAR 73 24 MEAN HOUR DAY 36 32 31 36 29 29 31 31 35 27 32 24 27 29 2 3 4 5 6 7 8 9 10 DATA MISSING MISSING 29 15 19 21 13 20 18 20 16 13 20 19 18 19 15 20 19 15 18 17 22 20 15 17 15 21 21 17 15 17 18 16 12 15 18 16 21 11 21 16 16 21 10 28 16 17 16 17 17 20 21 21 18 19 23 21 13 17 15 19 20 14 17 22 19 17 18 15 21 19 20 10 20 18 17 13 18 21 17 15 20 19 10 32 18 17 10 25 19 16 10 21 22 17 10 19 20 17 10 22 17 10 23 18 17 14 17 18 22 18 14 14 18 15 16 17 17 13 15 16 15 16 22 17 17 13 15 18 15 16 20 18 17 14 15 19 17 15 17 23 17 16 14 16 17 11 19 16 30 18 13 16 22 17 17 18 17 19 14 15 19 20 15 22 17 20 14 15 20 20 15 18 22 17 18 14 15 20 20 16 18 17 17 19 14 15 20 20 14 17 18 17 18 14 15 18 14 16 16 17 17 14 15 16 17 12 13 14 15 16 17 18 19 20 11 16 16 38 18 13 16 18 11 15 16 36 18 13 16 17 11 15 16 25 18 13 16 19 14 17 16 22 17 19 17 28 18 17 17 29 18 14 14 18 20 17 17 18 21 19 14 15 19 20 17 20 17 21 14 15 19 20 16 17 18 17 20 14 15 19 10 14 15 21 17 14 14 16 17 11 14 15 25 16 14 13 16 17 16 15 33 16 14 13 16 17 25 17 13 13 16 23 13 18 22 22 19 26 15 17 18 23 22 22 23 24 25 26 27 28 29 30 24 21 17 15 16 19 20 20 25 34 16 15 16 20 23 21 25 67 15 15 16 20 16 20 13 15 16 17 26 22 16 14 13 15 17 18 28 22 22 13 14 12 15 21 20 26 23 20 12 16 13 15 18 21 24 20 20 12 16 14 17 20 27 21 20 13 15 14 18 19 24 23 22 12 13 15 14 15 19 27 21 23 13 15 15 15 19 25 20 24 13 15 17 14 18 19 25 20 24 21 17 16 15 16 19 20 27 22 18 16 15 19 25 31 17 15 16 19 20 24 34 17 15 15 23 22 15 15 15 15 19 21 21 23 20 14 15 15 15 22 21 29 13 15 16 15 20 27 19 29 47 15 15 18 15 19 26 53 16 15 18 17 16 23 23 16 44 16 15 23 14 31 16 15 16 18 29 22 22 14 14 12 15 19 21 26 20 25 19 MEAN 

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POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - VICTORIA ST SARNIA DAMST NO 14049 MONTH MAY 24 MEAN 27 21 21 28 20 21 21 19 20 23 21 20 23 21 24 21 40 22 32 22 28 22 25 22 37 30 22 20 23 20 22 19 21 27 21 21 DATA DATA DATA 19 19 25 MISSING MISSING MISSING 19 20 24 18 22 19 33 15 15 23 21 20 19 18 21 18 24 15 15 16 15 26 16 21 15 41 18 40 23 16 27 35 24 21 15 16 25 58 16 17 16 25 15 19 27 60 16 19 22 21 18 15 23 30 48 18 24 18 14 13 21 22 29 18 24 21 16 19 13 18 27 19 18 27 16 19 14 16 18 30 19 16 23 16 19 14 16 19 18 17 20 15 19 15 18 16 18 17 18 16 15 16 17 16 15 18 13 14 13 19 17 24 20 21 22 16 13 20 18 41 19 22 20 16 14 13 23 18 39 18 21 21 15 13 21 18 31 19 17 13 17 18 36 18 18 27 16 19 14 16 18 29 21 16 20 16 19 14 17 19 18 16 18 19 14 18 17 18 16 18 15 18 17 16 17 16 17 18 13 17 16 14 20 16 16 17 18 13 15 14 15 29 18 17 15 18 13 15 20 18 47 17 16 18 16 15 21 25 49 17 16 18 16 17 20 29 48 17 16 15 16 16 24 31 16 20 15 16 17 17 15 19 24 27 18 18 20 16 22 23 24 25 26 27 28 29 30 21 17 15 16 16 15 16 20 22 15 14 32 17 16 35 19 16 16 18 16 15 27 16 28 17 15 16 16 15 21 19 14 15 16 15 16 20 14 22 14 14 22 14 15 15 14 15 19 18 30 16 15 16 16 22 19 19 19 22 23 21 15 28 17 20 22 20 16 18 22 15 29 20 21 17 20 22 15 23 18 20 19 23 20 15 27 19 19 19 22 18 15 25 17 20 19 17 22 20 15 22 17 20 22 17 24 18 20 15 27 17 21 22 18 24 18 18 15 20 17 20 16 22 18 16 15 20 15 17 22 16 18 17 15 23 15 18 14 17 23 19 15 19 15 19 14 17 19 21 15 16 17 17 13 16 16 24 15 16 15 16 13 18 16 27 15 18 15 18 14 17 15 20 15 20 15 18 22 17 18 19 15 21 18 17 15 22 19 15 18 20 13 15 18 19 MEAN 

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11 12 13 14 15 16 17 17 18 19	39 55 15 17 51 36 12 15 18 34	24 63 15 21 59 39 14 15 18 37	34 70 15 25 50 50 12 15 17	40 47 15 26 56 36 12 15 16 33	34 19 14 34 59 31 13 15 16 32	43 22 14 30 47 47 13 15 16 25	64 21 14 30 58 25 13 18 18	32 22 15 28 35 23 13 20 16	23 20 17 22 27 22 13 20 21 22	20 23 17 20 26 21 13 18 22 24	19 23 17 20 26 19 14 19 26 22	22 20 17 19 25 17 14 22 20 22	18 20 17 20 24 18 13 25 22	18 22 19 20 25 18 13 25 21 25	15 20 18 20 25 18 13 25 20 22	14 20 18 20 26 16 13 21 24	14 18 17 18 21 15 13 19 19	13 15 15 17 17 15 13 18 17 29	13 14 14 17 18 13 13 17 16 23	15 14 17 18 13 13 19 17 22	19 16 17 19 22 14 13 20 19 22	20 16 17 22 20 15 15 21 24 26	15 15 17 18 18 14 14 20 23 27	35 15 17 34 24 13 15 18 29 30	25 25 16 22 32 23 13 19 20 27
21 22 23 24 25 26 27 28 29 30	30 54 39 20 27 21	36 43 25 35 40 18	31 25 20 32 46 18	31 23 20 20 45 20	31 25 20 20 41 21	29 23 21 20 34 22	27 21 21 21 26 22	25 21 21 19 23 27	27 22 21 19 30 28	25 23 21 18 25 30	21 22 21 18 20 31	20 21 21 17 20	DATA DATA	20 22 21 17 20 MISSI MISSI MISSI MISSI	NG - NG - NG -	22 21 24 17 21	21 20 22 17 20	18 20 26 17 18	18 18 29 17 18	22 17 24 17 21	28 18 25 19 23	36 18 18 21 22	56 20 19 21 19	90 20 18 23 20	30 23 23 20 26
MEAN	30	31	29	27	26	28	27	24	23	22	22	21	21	21	21	21	19	18	18	19	2 1	22	23	28	23

UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROCARBONS NO 14049 MONTH JUL 7.3 STATION - VICTORIA ST SARNIA OAMST 24 MEAN 12 13 HOUR DAY 1 2 3 4 5 6 7 8 9 MISSING MISSING 21 15 14 16 25 DATA DATA 26 22 13 15 23 11 14 23 17 12 11 8 16 19 14 17 11 7 21 23 10 12 14 14 10 36 53 14 10 13 13 22 48 48 15 10 11 19 38 55 15 11 14 17 17 14 14 23 31 13 15 18 14 13 25 14 15 17 13 14 23 15 10 17 20 10 14 18 14 9 17 19 10 14 17 11 6 26 39 11 11 12 16 48 55 15 11 13 23 29 20 13 22 15 15 18 21 14 39 14 36 27 30 12 23 14 23 30 31 12 30 18 18 26 24 12 46 11 17 30 61 14 11 15 30 46 12 14 11 31 37 12 28 31 23 26 12 49 16 14 34 29 32 28 29 25 33 26 29 27 28 12 13 14 15 16 17 18 19 20 31 35 25 36 18 39 18 45 19 32 19 29 19 29 MISSING MISSING 16 20 25 23 22 DATA DATA 16 20 24 25 23 22 26 37 18 21 34 31 18 21 34 28 19 20 26 30 21 20 23 23 19 21 24 19 19 22 33 19 21 22 41 18 22 22 25 20 22 23 23 21 21 24 25 23 19 21 42 21 21 26 34 19 31 34 42 36 17 34 59 17 25 39 41 35 28 26 71 25 21 61 34 21 30 69 18 49 18 21 19 19 19 20 19 21 18 22 23 24 25 26 27 28 18 20 19 20 18 20 19 32 18 21 18 35 18 21 19 18 18 20 21 32 20 17 17 17 21 19 22 23 20 14 12 27 18 20 19 23 17 20 19 17 20 20 22 17 18 19 20 16 23 16 17 28 18 23 16 24 24 22 21 16 18 37 27 18 17 17 30 29 18 18 16 30 23 18 21 17 23 21 17 21 18 23 24 21 14 12 31 18 20 19 22 21 21 23 19 20 21 20 17 31 27 14 12 20 14 12 15 16 13 14 13 17 13 13 13 13 16 14 15 13 13 27 17 13 29 16 14 12 13 11 18 14 13 17 13 27 15 13 25 12 30 12 22 12 15 12 15 12 17 12 12 30 1.5 MEAN 

PERCENTAGE OF DATA VALID 

						ONTA	RIO I	MINIS	TRY	OF T	HE E	NVIR	NMENT	- AIF	R MA	NAGEMI	ENT E	BRANCH	1						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UN	ITS -	PART	S PER	TEN M	MILLIC	NC						
	STAT	ION -	VICTO	ORIA S	ST SA	RNIA	OAMST		NC	1404	9		MO	NTH AL	JG	73									
HOUR	4	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
DAY 1 2 3 4	13 13 13 40	11 13 11 33	10 13 11 22	10 17 11 23	11 14 11 26	12 14 11	13 13 12	11 13 15	11 13 16 15	15 15 15	15 15 17 14	22 18 18	22 19 17	26 16 17 11	19 17 18 13	26 15 18	17 14 18 13	16 16 17	14 17 16	13 17 15	13 14 19 12	14 14 18	15 13 22 18	15 13 30	15 15 16
5 6 7 8	1 5			16	42	30	18	-	29	25 30	26 47	14	DATA	MISSIN MISSIN MISSIN 21 22	VG - VG -	19 17	17	18	25 22	27 34	18	28 48	28 34	22	26
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11 12 13 14 15 16 17 18 19 20	23 42 61 18 26 29 38 23 35	43 19 69 17 23 23 44	49 19 67 33 17 23 25 25 23 41	41 21 37 26 17 26 22 22 22 20	48 21 53 30 17 24 21 22 21	26 19 55 17 27 21 226 19	26 21 51 35 18 26 23 24 26 18	26 20 45 39 26 23 25 29	23 19 426 19 26 2221	26 17 29 23 21 27 29 21 19 21	23 17 24 20 21 30 25 20 18 20	21 17 22 20 22 26 22 21 18	21 16 21 20 21 27 21 21 18 18	20 17 21 19 22 29 21 20 18	23 17 21 19 23 34 25 18 18	28 17 21 20 23 33 24 20 18	21 17 19 19 22 31 23 21 18	22 16 18 19 21 27 22 21 18 16	20 17 18 18 21 30 21 21 19	27 18 20 19 21 33 21 21 21	30 19 23 20 22 26 24 22 25	30 24 27 18 21 30 24 21 29 16	27 23 45 18 21 32 26 24 25	23 30 52 18 27 30 28 23 25	28 19 35 25 20 28 24 23 21
21 223 24 25 26 27 28 29 30	16 17 23 18 46 31 54 25 30 45	15 16 23 18 39 33 43 25 37	17 16 54 19 31 47 43 25 31 36	17 18 60 19 29 46 32 23 30 37	15 18 91 18 31 35 33 29 35	14 20 96 18 29 26 27 34	17 18 61 18 30 50 26 23 27 38	14 18 71 28 37 23 25 29 34	167 19433 2235 31	17 16 33 26 23 24 23 27 29	17 15 23 25 25 25 27 30	17 16 23 24 27 23 26 27 27	17 17 23 22 25 22 26 26 28 32	18 17 21 22 24 22 26 27 28 29	18 18 22 24 25 25 25 28 29 34	17 18 20 23 24 23 26 28 30 25	17 19 21 22 23 25 27 27 27 31 26	17 18 19 21 21 31 24 26 33 25	17 18 21 20 21 38 27 29 34	17 19 19 23 22 25 27 31 35	15 24 20 28 22 23 27 41 34	15 26 20 25 44 24 27 35 34 52	15 27 20 38 22 25 26 31 51	14 23 19 40 22 46 25 31 425	16 19 35 27 30 29 27 32 34
31	22	18	1.5	15	22	24	42	48	43	25	21	22	27	31	27	27	24	25	27	30	31	31	29	23	27
MEAN	29	28	27	25	29	27	27	26	24	23	22	22	22	22	22	22	21	21	22	23	24	26	26	27	24

	POLL	JTANT	- TO	TAL H	YDROC	ARBON	S						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	VICT	ORIA	ST SA	RNIA	OAMST		NO	1404	9		MOI	NTH S	EP	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	22 31 60 19 27 16 17 17 20	21 41 61 18 25 16 15 14 15	22 31 44 19 20 16 14 14 15	33 58 27 39 20 16 13 14 15 309	25 39 21 21 39 16 13 14 21	27 33 35 27 57 16 13 19 53	25 30 54 30 53 17 13 13	43 25 58 29 27 15 13 12 14 65	47 21 39 43 20 15 14 15	23 18 23 36 17 14 15 14 11	22 17 18 27 16 14 19 13	25 15 16 23 21 14 20 13 11 15	23 15 17 27 22 16 21 14 13	23 17 18 24 24 17 22 14 13	21 18 18 24 28 17 22 14 13	21 19 19 26 31 17	19 20 21 25 21 17 19 14 11	18 22 20 27 17 16 17 14 10	27 35 20 31 17 17 18 13 10	43 35 20 34 18 18 21 13 12	38 35 21 26 20 19 25 13 13	53 31 34 26 18 17 18 13 14	34 47 40 35 18 16 17 18 13	38 53 22 47 17 16 15 20 15	29 29 30 28 25 16 17 14 49
11 12 13 14 15 16 17 18 19 20	14 17 19 22 30 17 21 18 29 22	14 17 19 29 15 16 17 27	13 17 18 20 22 15 16 17 25	13 17 19 19 23 15 16 23	13 17 23 18 21 15 16 16 29	13 18 21 18 21 15 19 17 25	12 18 22 18 18 17 18 17 25	12 20 22 21 16 16 17 17 45	13 18 19 21 17 15 17 18 42 21	12 19 19 22 18 14 17 18 24	12 18 20 18 20 13 17 18 24	11 18 18 18 16 14 17 17 19	13 21 23 18 18 16 26 20 21 22	13 20 22 18 17 16 22 20 19 22	19 20 25 17 18 17 19 20 21	17 21 23 17 18 16 17 19 20 22	14 19 22 18 18 16 16 19 20 21	15 17 21 16 18 17 15 17 18	16 17 22 16 17 16 16 18 17	16 19 23 15 17 16 17 22 18 20	15 21 22 15 17 16 15 47 19	15 18 22 15 16 15 14 45 21 18	15 17 21 15 15 15 14 46 20 21	16 18 19 17 15 18 13 67 20	14 18 21 18 19 16 17 24 24
21 22 23 24 25 26 27 29 30	21 22 23 23 15 15 19 13 18	23 20 23 22 14 16 19 12 17	25 23 23 41 13 17 22 13 18	25 21 23 41 16 16 25 14 16	22 21 42 40 17 16 32 14 15	23 36 39 16 17 35 15	25 25 29 42 16 20 42 15 15	28 34 38 44 17 18 50 19 18	33 33 31 33 16 18 35 18 23	27 41 21 19 15 21 29 17 18	22 38 18 15 16 22 26 17 18	19 26 17 15 16 19 24 18 19	22 24 19 15 16 18 19 19	22 22 18 14 17 19 18 17	21 21 18 13 17 20 18 17	21 21 18 14 16 19 19	21 19 18 14 18 20 23 15	24 18 19 15 17 19 22 13 18	22 19 19 16 15 18 26 15 21	22 20 18 18 15 22 25 15 24	23 22 19 18 14 22 23 15 23	21 19 18 15 13 18 30 15	18 21 18 15 15 15 23 14	20 20 18 15 17 17 20 14	23 24 23 23 16 19 19
MEAN	21	21	26	31	28	24	24	26	24	20	19	18	19	19	19	19	18	18	19	20	21	21	21	22	22

PERCENTAGE OF DATA VALID - 98

						ONTA	RIO	MINIS	TRY	OF T	HE	ENVIRO	MENT	- AII	R MAI	NAGEME	NT	BRANCH	4						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	IS						UNI	ITS -	PART	S PER	TEN	MILLI	NC						
	STAT	ION -	VICTO	ORIA	ST SA	RNIA	OAMST		N	1404	9		MON	NTH O	СТ	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	1.0	1.1	12	13	14	15	16	1.7	1.8	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	16 14 33 65 15 37 42 35 39 25	15 14 31 61 14 33 42 34 36 58	15 17 22 49 14 32 38 32 33 66	15 17 22 29 15 31 34 31 31 35	13 16 21 38 15 30 34 30 30 52	13 16 20 28 16 41 34 30 26 27	18 17 21 27 17 83 32 28 25 35	23 28 18 129 35 29 27 23	18 27 23 18 98 34 27 46	22 21 31 66 33 26 17 24	23 20 29 13 46 31 26	21 18 23 13 13 28 29 26	14 21 28 15 26 30 26 21 33	14 19 18 25 19 32 31 29 26 38	15 20 15 26 22 35 31 31 27 37	17 18 17 26 26 35 33 36 25 33	15 19 17 23 30 34 35 41 25 31	15 19 18 19 31 34 39 42 28	15 15 21 18 39 38 39 44 21 30	15 19 25 20 52 41 42 46 31 28	14 25 25 20 69 43 42 45 34 29	15 28 26 17 77 72 41 538 33	14 27 34 18 62 50 38 70 25 29	14 30 50 15 57 55 38 65 22 26	15 20 23 29 29 48 36 37 29
11 12 13 14 15 16 17 18 19	29 27 39 16 18 15 16 14 23 23	23 25 38 18 19 19 13 15 14	24 40 19 18 17 13 24 16	23 40 18 20 15 16 20 16	22 27 37 17 15 15 25 20 13	23 29 30 15 18 13 18 19	25 29 32 16 18 14 15 26 17	25 29 34 17 18 14 15 58 18	26 30 16 21 18 17 19 56	23 37 30 17 20 18 13 20	27 38 33 17 20 18 14 20	3 39 3 33 1 17 1 19 3 14 1 15 1 18 25	35 39 35 17 20 15 13 18 23 15	30 37 36 18 35 14 13 18 26 16	29 31 34 18 21 14 15 23 14	26 34 22 17 23 15 17 18 27	30 42 23 17 34 14 18 19 31	26 41 19 16 29 13 18 17 40	30 29 18 17 29 13 19 17 42 15	27 28 18 19 29 12 18 17 39 15	26 28 17 19 24 16 17 15 32 17	25 25 17 19 19 15 15 15 18	22 25 17 19 18 14 17 18 30	23 25 18 19 18 13 18 26 30 16	26 31 29 17 23 15 15 18 29
21 22 23 24 25 26 27 28 29 30	22 34 43 67 21 22 18 25	35 37 32 42 22 21 18 15	35 43 59 35 23 19 16	33 41 43 22 22 22 21 17 18	37 43 39 23 21 22 16 20 18	53 78 45 29 21 17 18	55 54 58 89 23 25 17 17	42 59 60 37 22 39 17 15	29 76 25 48 18 16	20 125 43 26 18 29 17 16	25 79 31 29 19 24 17 17	22 27 19 17 17 18	19 30 25 25 20 18 18 17	22 29 22 25 22 17 19 17 21	22 26 22 24 21 18 18 18	20 26 21 20 18 19 19	17 26 27 21 22 17 19 21 21	17 27 35 18 19 19 18 21 19	19 35 42 25 20 15 20 17	26 40 39 21 23 15 20 16	47 57 52 22 22 22 17 17	59 83 44 31 16 18 15 18	34 49 47 31 20 26 15 18	46 38 66 19 17 18 13 18	32 49 46 31 22 18 18
31	18	19	20	19	18	17	18	20	21	22	27	28	26	31	34	29	23	20	18	24	29	25	21	19	23
MEAN	28	27	27	24	25	26	30	32	31	29	26	23	23	24	23	23	24	24	25	26	29	31	28	28	26

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - VICTORIA ST SARNIA DAMST NO 14049

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	32	54	64
FEB	27	18	29	86
MAR	29	19	32	6.7
APR	30	18	31	58
MAY	28	20	27	60
JUN	26	23	34	90
JUL	27	21	34	7.1
AUG	28	24	35	96
SEP	30	22	49	309
OCT	31	26	49	129
NOV	28	26	50	6.7
DEC	27	26	42	53
YEAR	334	23	54	309

NTHLY GRO	UP FREQUEN		O MINISTR		ENVIRONMENT	7.20	NAGEMENT BE	RANCH	
LLUTANT -	TOTAL HYD	ROCARBONS			UNIT	- PARTS PE	R TEN MILL	ON	
ATION - V	ICTORIA ST	SARNIA OA	MST	NO 14049					
0	0 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	0	10	217	193	2	0	0	0	422
FEB	12	462	129	17	2	0	0	0	622
MAR	14	424	201	26	1	0	0	0	666
APR	8	511	99	35	0	0	0	0	653
MAY	0	403	193	37	0	0	0	0	633
JUN	0	261	250	92	5	0	0	0	608
JUL	12	328	181	66	4	0	0	0	591
AUG	3	220	324	102	5	2	0	0	656
SEP	2	428	202	69	3	0	2	1	707
OCT	0	283	236	161	18	3	0	0	701
NOV	35	174	242	164	2	0	0	0	617
DEC	0	56	413	93	0	0	0	0	562
YEAR	86	3560	2687	1055	42	5	2	1	7438

PERCENT CONCENTRATIONS PERCENT FREQUENCY DISTRIBUTION. PERCENT VALID MIN 10 30 50 70 90 95 98 99 MAX

84 1 13 5 16.4 19 2 24 0 33.5 41.6 50.7 57.5 309

ARITH MEAN 22.6

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROCARBONS STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH JAN 24 MEAN HOUR DAY 19 21 21 16 17 17 17 17 20 17 21 25 25 17 16 17 19 16 22 18 19 18 17 15 17 16 17 17 19 17 17 17 17 23 17 21 19 17 18 17 17 17 23 17 21 23 17 16 17 19 22 17 22 18 23 15 15 17 17 17 21 28 17 16 15 17 19 21 20 25 19 16 15 17 18 21 19 21 18 16 15 17 18 19 17 19 18 17 16 17 16 17 17 25 16 16 15 16 23 17 15 17 25 16 16 15 17 21 17 17 21 15 15 15 2 3 4 5 6 7 8 9 25 16 15 17 19 18 19 18 17 16 17 16 19 19 18 18 16 19 19 19 18 16 23 17 21 19 17 17 17 16 20 17 23 22 18 17 16 17 19 17 25 17 16 15 16 21 19 15 21 17 16 16 16 18 37 17 16 17 16 16 18 15 16 15 17 17 17 15 15 17 17 17 17 15 19 22 19 21 19 23 23 20 22 25 31 20 21 19 23 23 19 26 21 21 21 25 25 21 20 24 21 21 22 19 23 23 21 20 22 19 22 \*\*\* 25 21 20 28 18 24 21 20 30 18 33 21 21 20 23 19 23 24 23 18 19 25 21 21 24 19 19 25 19 19 20 25 19 21 25 21 27 19 22 20 23 19 22 24 21 19 21 20 21 19 23 20 19 19 23 19 20 19 24 23 19 22 38 19 20 21 28 24 12 13 14 15 16 17 18 19 20 16 21 20 21 19 18 23 17 20 19 20 19 18 23 17 19 19 22 19 18 23 17 18 19 21 19 18 22 19 18 19 20 20 19 18 23 20 18 19 21 21 21 24 19 20 30 19 21 22 18 19 21 20 20 18 23 17 18 19 20 19 18 22 22 21 20 20 30 43 24 19 21 22 23 24 25 26 27 28 29 30 21 20 18 24 63 25 20 19 21 19 17 22 35 23 20 19 21 19 21 17 23 29 25 20 19 21 21 17 23 27 23 20 20 21 23 20 18 23 27 23 19 19 21 24 21 19 25 30 29 19 23 21 20 27 30 24 19 33 23 24 19 21 31 29 21 23 19 24 39 31 21 19 28 51 33 21 19 21 19 31 51 33 20 19 21 21 22 19 35 60 30 21 18 33 21 32 19 29 71 30 21 17 22 21 17 17 17 20 33 26 19 17 21 17 18 17 21 31 25 21 17 21 17 18 18 21 39 25 20 19 20 18 20 18 23 47 25 20 19 22 20 22 18 25 85 20 21 23 24 21 18 25 130 25 20 21 22 21 19 18 23 45 25 19 19 21 19 18 23 59 19 17 19 17 21 54 27 19 18 20 17 19 17 21 39 27 17 18 18 21 34 26 20 18 21 23 MEAN 

PERCENTAGE OF DATA VALID -

						ONTAI	RIO M	MINIS	TRY	OF T	HE E	NVIRON	MENT	- AIF	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UNI	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	KING	/RECT(	DRY L	ONDON	FAIR		NO	1500	1		MOM	NTH FE	EΒ	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 M	MEAN
12 3 4 5 6 7 8 9	21 17 18 19 24 17 21 23 17	20 17 18 19 23 16 21 19 16 21	20 17 17 18 18 15 20 18 17 21	20 17 17 17 17 16 19 17	21 17 16 17 17 15 19 16 15	21 17 16 17 17 15 17 16 15	22 16 17 18 17 15 17 15	25 17 16 18 16 16 19 16 18	25 26 16 17 17 17 19 16 21	23 25 16 17 17 17 19 16 19	23 24 17 17 18 18 18 15 20	19 23 17 18 17 18 19 15 59	19 23 17 17 17 19 19 15 30	19 23 17 17 17 19 20 15 21	20 24 19 17 18 20 20 15 18	22 23 19 19 17 19 21 15 18	23 19 18 17 19 23 16 20 22	21 19 18 17 19 23 17 19 22	19 20 19 19 17 19 24 17 20 18	19 20 18 20 19 19 25 17 20	18 20 17 19 18 19 23 17 19	18 20 17 21 17 19 23 17 19	18 19 20 19 19 19 29 17 19	18 19 19 18 17 20 29 18 19 20	21 20 18 18 18 18 17 21 17
11 12 13 14 15 16 17 18 19 20	19 *** 18 23 19 15 17 22 17	17 **** 18 23 17 15 17 20 17	17 21 17 15 17 19 17	17 18 19 17 15 17 19 17	17 18 18 16 15 17 17	17 18 16 15 17 18 17	17 19 18 17 15 17 18 19	17 22 19 16 15 17 18 21 21	17 18 25 19 17 16 17 17 21 25	18 17 22 20 17 17 17 17 21 25	18 17 20 20 *** 17 17 17 21 23	17 17 19 20 21 17 17 18 20 22	17 17 19 20 19 17 21 17 21 23	17 17 18 20 17 16 19 17 24 23	17 17 17 19 17 16 19 17 21	17 17 18 19 17 17 19 17 21	17 17 19 19 17 48 18 22	17 18 21 19 23 17 28 18 25 19	18 18 21 19 17 17 23 18 22	18 19 21 21 16 17 24 19 22 18	19 21 21 16 17 21 18 21 18	18 21 21 16 17 19 18 19	20 20 21 16 17 23 17 23 21	23 23 21 15 17 29 18 25 21	17 18 20 20 17 16 21 18 20 20
21 223 224 225 227 28	21 16 21 21 22 19 19	19 16 20 21 24 19 18 23	19 16 19 21 27 18 18	19 16 20 21 34 17 18 33	18 15 22 19 37 17 18 33	21 15 21 17 27 18 17 33	21 17 23 17 22 19 17 29	22 17 31 17 20 21 18 31	23 19 44 17 19 20 18 32	21 18 34 17 19 21 18 29	19 17 27 17 18 21 17 25	20 18 22 17 18 20 19 21	20 18 20 18 18 19 18	21 19 21 19 18 19 18	22 17 21 21 18 18 19 21	19 23 20 18 18 19 21	17 21 22 19 18 20 21	17 21 21 19 19 19	17 21 21 18 19 19 21	22 21 21 18 24 19 22	18 21 21 18 24 20 23	17 21 21 17 21 20 21	17 23 21 17 25 20 25	17 22 21 17 28 21 34	19 23 20 21 20 19 26
MEAN	19	19	19	19	19	18	18	19	21	20	19	20	19	19	19	19	20	20	19	20	19	19	20	21	19

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - KING/RECTORY LONDON FAIR NO MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 51 25 32 16 19 20 23 28 18 41 23 31 17 19 19 21 27 40 23 27 17 19 19 21 26 18 37 23 25 17 19 18 21 26 18 34 21 25 18 21 19 21 25 18 30 21 23 18 23 18 23 21 21 45 23 35 16 19 21 26 18 29 20 24 18 21 18 23 24 19 21 23 18 21 18 25 26 18 21 23 18 24 18 25 23 19 27 21 23 19 23 19 21 21 22 25 21 20 25 22 22 21 25 21 19 25 27 21 22 25 19 21 25 24 22 23 28 19 20 26 28 21 23 25 19 21 25 26 22 24 26 19 21 25 24 22 27 54 19 22 25 26 22 22 35 20 23 26 25 23 22 28 20 23 28 35 25 19 25 20 21 27 33 29 19 25 20 21 25 29 30 19 23 18 22 31 26 30 19 25 17 20 23 23 32 19 35 23 19 24 23 24 23 24 12 13 14 15 16 17 18 19 20 20 19 19 23 20 18 20 22 19 20 19 18 23 20 18 19 23 19 20 19 17 22 21 19 19 19 19 18 22 20 19 19 21 20 20 22 23 21 20 18 21 20 19 21 21 22 20 20 21 19 22 21 21 21 20 21 19 19 22 21 18 21 23 20 18 20 22 21 21 22 21 22 21 20 21 18 20 21 21 22 21 22 20 29 17 20 23 21 21 22 19 20 26 18 20 22 21 23 19 21 17 20 22 23 22 23 20 21 21 17 20 23 22 19 21 21 22 19 19 23 22 18 21 22 20 19 20 21 21 22 20 20 20 22 19 19 23 22 21 19 21 21 21 19 19 21 23 20 17 21 24 21 20 19 25 23 21 17 21 23 20 18 22 20 19 17 23 19 23 21 20 19 21 22 18 22 19 20 18 22 19 22 20 19 19 22 18 24 22 20 19 20 23 20 22 22 20 18 21 21 22 23 24 25 26 27 29 30 22 25 36 27 23 25 23 29 28 22 42 23 23 23 23 26 25 46 26 27 23 26 25 25 58 27 24 25 23 25 25 24 63 25 24 23 25 26 26 23 66 25 22 25 26 27 24 69 23 22 27 27 21 24 51 25 21 26 28 29 21 24 41 25 22 25 27 37 29 33 24 23 25 27 29 21 29 23 23 23 25 28 28 21 28 30 23 22 22 25 27 21 27 29 23 22 22 25 20 30 21 27 26 23 23 22 26 29 25 31 24 23 24 31 29 23 26 28 24 23 25 31 28 23 21 27 40 24 23 23 27 29 26 21 24 61 24 23 26 28 33 21 27 31 23 23 23 25 28 27 28 29 25 25 25 35 25 35 22 31 31 23 23 24 30 35 21 30 31 23 23 24 30 33 21 23 29 23 24 23 33 29 19 21 26 37 23 23 29 29 34 23 30 23 23 23 35 30 19 MEAN 

PERCENTAGE OF DATA VALID - 97

						ONTAI	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	KING	RECT	ORY L	ONDON	FAIR		NO	1500	1		MO	NTH A	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 1	WE AN
1 2 3 4 5 6 7 8	17 15 19 17 16 18 25	17 15 17 17 16 17 24	16 16 17 17 16 17 21	16 16 17 17 15 16 19	15 16 17 17 15 16 17	15 16 16 17 15 16 17	15 17 16 17 15 16 16	15 17 17 17 16 18 16	15 17 17 19 16 19	15 17 17 19 16 18 16	15 18 17 19 16 17 16	15 18 17 19 16 17 16	15 19 17 19 21 17 19	15 18 17 20 23 18 19	15 19 20 20 19 19 17	15 19 29 18 20 18 18	15 19 29 18 21 18 23	15 19 23 18 19 18 19	15 19 21 18 19 18 17	15 22 20 21 25 21 19	16 21 19 21 23 25 18	16 24 17 21 22 38 17	15 23 19 21 21 31 18 16	15 22 18 19 19 28 19	15 18 19 19 18 20 18
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH MAY 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 17 16 15 15 16 15 17 18 18 16 17 21 16 19 17 19 17 15 17 21 16 18 17 17 16 16 16 15 16 17 17 17 17 17 17 16 15 16 16 17 17 17 17 15 14 16 15 17 17 17 15 15 15 15 17 17 17 19 15 15 15 17 17 17 16 15 15 16 15 17 18 17 17 16 16 17 16 15 16 19 18 18 15 17 19 16 15 17 19 16 17 16 17 21 16 19 17 18 16 15 14 19 19 16 17 17 17 15 14 17 17 17 18 19 17 15 14 17 17 17 18 19 17 17 17 14 15 17 17 17 17 15 16 15 17 17 14 17 15 16 21 17 17 17 17 15 15 15 19 16 17 18 15 14 15 20 19 17 17 15 15 14 19 17 17 16 14 15 18 19 16 16 18 15 17 15 17 18 17 17 19 15 17 15 14 17 17 17 18 21 17 17 15 14 15 17 17 17 15 14 17 16 15 16 18 16 15 14 15 15 17 16 15 15 14 16 16 15 15 14 17 17 14 15 16 15 18 19 15 17 14 17 15 15 15 18 21 15 15 14 23 15 16 19 23 15 15 14 24 15 16 23 31 15 14 24 15 15 15 22 25 17 14 15 19 14 13 15 19 17 14 15 17 16 15 14 14 18 17 15 13 13 15 14 14 15 15 13 14 14 15 15 15 15 14 15 14 15 16 15 15 14 17 15 17 16 15 17 14 16 15 15 17 18 14 12 13 14 15 16 17 18 19 20 19 15 15 24 13 15 15 19 22 17 15 15 25 14 13 15 20 20 14 15 15 21 14 13 15 20 19 14 15 15 20 14 13 15 19 17 14 15 17 19 14 14 15 18 14 15 17 19 15 14 14 17 15 17 14 14 14 15 17 15 15 17 13 15 14 14 15 17 15 15 15 14 15 16 14 15 14 15 14 15 15 15 17 17 16 16 14 15 17 17 16 15 15 17 15 17 17 18 17 19 16 17 13 21 15 19 19 16 15 14 15 13 19 14 17 22 23 24 25 26 27 28 29 30 17 17 17 17 17 15 15 17 16 16 17 15 15 19 17 15 15 17 15 17 16 17 17 15 21 15 18 17 17 17 15 18 15 18 17 20 17 17 17 15 17 13 17 17 20 18 17 17 15 24 13 21 15 21 20 19 17 14 16 15 19 17 19 20 19 17 13 16 15 16 27 29 15 13 16 15 16 17 19 19 18 15 13 15 14 16 17 21 17 17 15 13 16 16 19 17 17 15 13 14 13 19 17 15 15 13 13 14 17 16 15 13 13 13 20 14 16 15 13 13 13 13 14 18 17 16 18 15 17 17 20 20 19 17 13 16 15 17 21 18 17 15 13 16 16 17 17 18 15 15 17 1.1 MEAN

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POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 25 25 25 16 35 17 21 21 28 25 25 16 30 17 20 19 27 25 23 15 24 17 19 19 27 25 24 14 21 15 18 18 23 25 25 14 19 15 18 18 23 25 23 14 25 16 17 18 23 25 14 25 16 17 17 21 23 21 23 13 20 17 16 21 22 20 23 13 18 17 17 17 21 20 23 13 16 18 17 18 22 21 17 13 16 19 21 23 26 18 14 16 19 24 20 17 24 27 19 14 17 21 22 18 25 27 19 14 17 21 22 22 19 23 26 21 15 19 21 23 21 23 27 20 15 19 23 23 21 19 24 27 19 15 19 23 22 19 28 27 19 19 26 23 20 26 27 19 19 21 27 24 23 20 25 25 20 19 21 25 24 23 19 28 21 17 29 19 33 22 21 26 23 19 21 23 29 23 21 18 24 21 17 39 19 23 22 20 15 24 21 17 21 21 21 20 19 21 13 16 19 18 19 12 13 14 15 16 17 18 19 20 19 13 19 20 15 19 20 31 21 18 13 17 19 15 19 21 32 17 13 16 19 15 17 20 32 21 19 13 15 19 17 18 19 32 21 15 15 17 18 21 23 35 24 17 16 15 15 18 23 21 35 27 16 17 15 13 15 15 22 27 26 15 19 16 15 15 15 20 25 17 19 18 15 14 15 21 23 25 19 19 17 15 19 24 23 23 22 14 15 19 17 19 21 33 21 17 19 15 16 19 17 35 25 15 18 15 14 15 20 23 25 18 19 18 16 15 15 23 23 18 19 18 17 15 17 23 24 26 19 17 19 17 15 15 24 23 22 19 19 17 15 16 24 23 23 19 20 17 16 17 25 23 17 20 20 17 17 17 26 23 27 19 20 17 17 17 26 23 23 19 21 16 17 17 26 23 23 15 19 21 15 17 18 26 22 25 15 19 23 15 17 20 27 21 27 17 17 18 17 16 17 22 27 19 17 15 15 14 19 24 27 22 23 24 25 26 27 28 29 30 24 18 16 21 23 18 19 18 23 21 18 16 21 20 17 17 17 23 19 18 17 22 21 18 17 17 22 22 18 16 20 19 17 18 17 23 20 18 16 23 22 17 17 17 24 19 17 16 23 21 17 17 17 22 19 17 17 23 21 19 18 16 23 18 17 17 23 21 20 18 16 22 18 17 17 21 20 17 16 20 18 17 17 20 19 17 18 17 18 17 17 20 21 17 18 17 18 17 17 19 21 19 19 19 18 18 20 21 19 20 19 19 20 21 19 20 19 19 23 19 20 21 19 21 20 19 20 19 21 21 20 19 20 20 19 19 23 21 21 19 21 19 19 22 20 20 19 21 19 17 19 21 20 20 19 21 20 18 19 22 20 20 19 22 20 17 19 23 20 21 19 24 20 17 19 23 19 21 19 30 20 17 19 22 19 21 19 27 19 17 19 23 18 19 19 24 18 18 22 20 19 19 20 DATA MISSING MEAN 

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UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROCARBONS STATION - KING/RECTORY LONDON FAIR NO 15001 MONTH SEP 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 32 24 34 13 21 24 26 15 28 35 35 19 49 21 28 13 30 27 19 15 21 24 21 21 29 29 23 24 27 33 20 25 30 39 17 33 32 45 17 24 35 31 19 35 40 35 21 43 42 37 27 61 27 31 31 29 24 23 16 26 25 22 13 24 25 13 21 24 13 19 21 21 18 25 22 25 17 13 20 23 21 18 21 25 17 13 21 23 22 19 20 28 30 21 14 22 29 23 23 23 27 27 22 15 23 29 22 21 22 29 31 25 16 25 30 22 21 21 31 31 22 33 30 21 19 22 34 29 23 21 27 20 19 29 28 17 29 19 21 17 19 30 18 17 31 17 19 29 17 27 18 23 17 27 18 15 20 19 17 20 18 21 23 18 21 30 17 27 19 21 19 15 27 18 15 20 17 12 13 14 15 16 17 18 19 20 16 18 17 21 15 14 11 15 17 18 17 19 15 13 12 14 15 17 21 20 20 15 13 15 17 21 19 22 20 14 13 16 14 21 19 22 19 14 12 24 14 21 19 21 19 14 11 33 14 22 17 24 19 13 12 44 14 19 18 23 15 13 17 19 22 17 27 20 16 15 43 17 17 17 17 18 15 15 15 16 17 21 17 29 17 15 15 29 16 17 21 16 29 17 15 13 22 15 19 19 16 15 15 15 15 15 20 15 25 16 14 12 19 13 29 19 16 25 15 12 24 13 21 19 15 33 15 12 29 12 19 17 15 31 14 12 11 21 17 16 14 21 13 11 13 17 18 15 14 19 12 11 13 14 10 17 15 13 17 11 13 13 13 17 19 17 21 15 15 15 15 16 19 17 21 15 15 13 15 17 18 21 15 13 11 14 15 17 18 21 15 13 12 14 15 20 18 22 19 13 15 16 22 23 24 25 26 27 28 29 30 13 21 19 14 17 19 15 17 23 17 16 15 17 16 15 13 19 14 17 18 14 15 22 14 23 17 13 18 15 15 22 14 21 16 14 17 19 15 15 22 13 20 15 14 19 19 15 17 21 13 19 15 13 19 14 17 21 13 17 17 13 19 21 15 17 21 16 17 15 14 19 23 16 17 20 15 13 13 19 21 16 19 18 15 12 11 19 21 16 18 17 15 11 12 19 21 15 15 17 16 15 16 20 20 16 26 17 16 15 14 15 21 19 17 21 15 16 15 14 17 21 19 17 16 14 17 21 18 18 19 17 16 15 18 22 18 20 22 15 17 16 14 17 22 17 19 23 15 17 17 14 17 21 17 20 22 15 17 17 14 19 21 16 21 22 15 18 17 13 18 19 15 18 25 13 16 17 15 15 20 19 17 20 18 17 13 11 19 20 15 16 17 17 14 18 20 16 20 26 14 20 16 30 16 21 17 25 15 MEAN 

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31	17	17	17	1.5	15	15	14	1.7	18	1.7	17	1.5	19	19	21	21	20	20	20	20	20	1.9	16	17	18
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PERCENTAGE OF DATA VALID - 68

	POLL	UTANT	- TC	TAL H	HYDROG	CARBON	IS						UN	NITS -	PART	S PER	TEN	MILLI	ON						
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - KING/RECTORY LONDON FAIR NO 15001

FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT F DATA

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POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

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MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	21	43	130
FEB	28	19	26	59
MAR	31	23	40	69
APR	29	18	25	38
MAY	31	1 6	1.8	3.4
JUN	30	19	28	43
JUL	30	20	27	39
AUG	2.4	20	29	5 1
SEP	30	1.9	30	61
OCT	31	20	33	59
NOV	21	1.7	20	30
DEC	28	1 6	19	33
YEAR	3.4.4	19	43	130

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - TOTAL HYDROCARBONS UNIT - PARTS PER TEN MILLION STATION - KING/RECTORY LONDON FAIR NO 15001 00 TO 10 11 TO 19 20 TO 30 31 TO 60 61 TO 90 91 - 140 141-200 201&0VER TOTAL JAN FEB MAR Ö APR MAY JUN 1.1 JUL 1.1 AUG 3.8 SEP OCT NOV DEC YEAR

FREQUENCY DISTRIBUTION, PERCENT 50 70 95

24.4

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38.4

MAX

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	POLL	UTANT	- TO	TAL H	YDROC	ARBONS	3						U	NITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	SIMC	OE HO	RTICU	LTURAL	STA	TION	NO	1600	1			ONTH J		73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	19 16 34 10 15 28 34 38 41	17 16 39 11 15 28 35 30 35	16 16 39 13 16 27 34 28 35 15	16 16 38 13 16 29 32 26 34 15	16 17 28 13 16 29 30 27 32 17	17 17 22 13 16 29 27 29 17	16 17 21 13 16 29 31 26 27	16 20 22 13 16 32 32 27 27	16 22 21 13 16 32 28 24 30 18	15 22 16 13 17 26 29 25 30 18	15 19 12 13 17 22 27 25	15 15 11 13 17 22 24 23	15 16 12 15 16 22 23 24 13	15 16 11 15 16 24 23 24 13	15 16 12 15 25 23 24 13	15 17 12 14 24 28 23 23 13	15 18 13 14 26 28 21 22 13	15 20 13 14 26 28 21 22 15	15 22 12 15 26 29 23 28 15	15 26 13 15 27 31 28 36 16	15 27 13 15 27 33 26 34 15	16 30 12 15 27 34 31 35 16	15 32 12 15 27 33 40 34 16	15 30 12 15 28 33 39 33 15	16 20 19 14 20 28 29 28 22 15
11 12 13 14 15 16 17 18 19 20	13 17 5 7 10 8 4 13 19	13 17 5 7 22 7 4 11 22 7	13 17 5 7 64 5 4 9	13 18 5 6 16 5 9 16 7	13 18 5 6 15 5 9 13 7	13 18 5 7 12 5 6 9 13	13 18 5 7 13 5 6 12 13 6	13 40 5 7 13 6 12 7	14 19 5 7 14 5 6 12 11 8	14 17 7 8 15 5 13 11 8	14 15 7 8 13 5 5 14 10 9	13 13 7 8 13 5 5 11	10 13 6 7 5 7 11 10 8	10 8 6 7 9 5 7 12 8	10 5 6 7 11 5 7 14 7	10 5 6 7 11 5 7 15 6 12	10 56 9 11 2 7 15 7	10 5 6 9 10 2 8 13 7	12 5 6 9 10 2 9 13 7 24	13 56 8 10 29 14 96	13 57 8 10 2 9 16 8 26	13 57 8 9 4 10 15 6 26	14 6 7 8 8 4 13 16 5 26	14 5 7 8 8 4 14 14 5 24	12 12 6 8 14 4 7 13
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PERCENTAGE OF DATA VALID - 68

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	POLI	UTANI	г - то	TAL H	YDROC	ARBON	S						U	NITS -	PART	TS PEF	RTEN	MILLI	ON						
	STA	TION -	SIMC	OE HO	RTICU	JLTURA	L STA	TION	NO	1600	1			ONTH F		73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12			15	16	17	1.8	19	20	21	22	23	24 ME	AN
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11 12 13	19 21 21	19 21 21	21 21 23	23 21 22	24 20 23	22 21 22	24 21 21	23 21 22	21 21 20	19 19 18	19 18 17	18 18 17	17 17 17	16 17 18	16 17 18	16 17 18	17 17 17	17 17 21	17 18 23	17 19 21	18 19	19 19	20 19	20	19 19 20
15 16 17 18 19 20	17 17 26 27 22 18	17 17 27 27 22 18	17 17 28 27 21 18	16 17 29 28 21 18	15 17 29 29 21 18	15 17 29 30 21 18	16 18 28 31 21 18	15 19 28 28 19	15 19 28 29 19	15 19 27 26 19 20	15 18 27 25 19 20	15 18 26 23 19 20	13 18 26 22 18 20	17 18 18 24 21 18 20	15 17 17 21 20	15 17 16 19 20 16 22	16 15 16 18 20 16 23	17 17 17 19 20 17	17 16 18 22 21 17 26	17 17 20 22 22 17 26	17 17 20 23 22 17 26	18 16 22 24 22 17 26	17 16 24 24 22 17 26	16 26 26 22 18	16 19 25 24 19
21 22 23 24 25 26 27 28	22 21 25 25 24 16 21 23	22 23 32 25 24 16 21 25	23 21 27 25 23 16 21 26	24 20 25 25 23 18 20 28	23 20 23 25 22 17 20 29	21 20 20 25 28 17 20 29	19 20 23 23 26 17 20 29	18 21 24 23 24 17 21 30	17 22 25 23 22 17 21 29	17 22 23 22 20 17 21 28	23 22 20 17 16 20 27	12 22 23 18 16 17 20	14 21 23 18 16 16	20 20 16 16 16	20 19 15 15 16 17	16 20 20 15 15 16	16 21 15 15 16	16 21 15 15 14 18	16 22 15 16 14 18	17 24 15 17 15 18 18	18 24 17 19 15 18	19 24 17 21 15 18 21	20 23 20 22 16 18 22	24 2 22 2 24 2 16 1	19 22 22 21 19 17
MEAN	22	23	23	22	22	23	23	22	22	21	21	19	19	1.8	18	18	18	18	19	19	20	21	21	22 2	21

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS

MONTH MAR STATION - SIMCOE HORTICULTURAL STATION NO 16001 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 DATA MISSING 12 13 14 15 16 17 18 19 20 16 11 14 13 12 14 16 19 18 12 12 14 13 11 13 14 16 17 22 23 24 25 26 27 28 29 30 13 14 14 12 11 13 14 20 18 14 14 13 11 14 16 18 12 16 14 12 13 15 18 12 12 16 12 13 15 18 12 12 15 12 13 15 15 18 12 11 15 12 12 14 15 12 11 13 12 12 12 13 15 12 11 12 11 12 13 14 16 12 11 12 11 12 13 14 15 11 12 12 10 12 13 15 16 11 12 12 10 12 17 16 11 12 13 10 12 13 18 11 12 12 11 12 14 18 17 13 16 12 11 12 14 19 18 14 14 12 11 14 14 21 18 12 14 14 12 13 15 15 20 12 15 15 15 15 15 15 15 15 15 12 14 15 12 13 14 15 19 12 15 14 13 15 15 15 12 15 14 13 15 15 15 19 12 12 10 12 16 16 12 12 10 12 13 16 13 12 10 11 13 15 

PERCENTAGE OF DATA VALID 

MEAN

  

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	POLL	UTANT	- TOT	AL H	DROC	ARBON	S						UNI	TS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	SIMCO	E HOP	RTICU	LTURA	L STA	TION	NC	1600	1		MON	ITH AF	PR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	1.5	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	17 15 16 16 15 18 24 19 20	16 15 15 16 15 19 20 17	16 14 15 16 15 19 20 19 21 17	16 14 15 19 15 19 19 17	16 14 15 20 15 19 20 19 21	15 14 15 19 15 19 20 19 21	15 14 15 17 16 19 20 19 21	15 14 16 17 16 19 20 21 16	15 14 16 17 17 19 20 21 16	14 16 16 17 17 19 20 20 16	14 16 16 17 17 19 20 20 20	14 16 16 16 17 19 19 20 20	14 16 16 17 18 19 20 20	15 16 16 17 19 19 20 16	15 16 16 16 17 18 19 20 20	15 16 16 17 18 19 20 20	15 16 16 17 17 18 19 20 * * * * * 16	15 16 16 17 19 19 20 18	15 16 15 17 19 19 20 18 17	15 16 15 18 20 19 21 18	15 16 16 15 18 22 19 21 19	15 16 15 18 21 19 20 19	15 16 16 15 18 20 19 20 18	15 16 16 15 18 23 19 20 18	15 16 16 17 19 20 20 20
11 12 13 14 15 16 17 18 19 20	19 19 19 18 22 22 17 16	199 199 199 221 166 171 18	19 19 19 20 23 21 16 19	19 20 19 21 23 21 18	19 20 19 21 23 21 17 19	19 20 19 21 23 20 17 18	19 21 18 21 24 20 17 18	19 20 18 20 23 20 17 17	19 19 18 19 21 20 17	18 18 17 19 20 18 16	18 17 17 18 20 19 15	18 17 17 18 20 20 14	17 16 17 18 19 18 14	17 16 17 18 19 18 14	17 17 17 18 20 19 14	17 16 17 18 20 19 14	16 15 16 18 20 19 14	17 15 16 18 22 19 14 8 8 8 8 18	17 15 16 18 22 19 14 *********************************	18 16 17 20 22 19 15	19 17 18 21 23 19 15 18	19 18 18 24 22 19 18 ***	19 18 18 24 22 19 17		18 18 18 20 22 20 16
21 223 245 267 289 30	20 19 17 18 19 19	20 19 18 17 19 21 13 15 24	20 19 18 17 19 21 13 15 23	22 19 18 17 20 20 13 15	22 19 17 17 19 20 13 15	20 18 17 17 19 19 13 15	21 18 17 17 19 18 14 15	19 18 18 17 19 18 14 15 18	18 18 18 17 18 19 0 0 0 0 0 14 15 18	18 18 17 17 17 19 44 15 18	17 18 17 17 17 17	17 18 16 17 17 15 17 13	17 16 16 17 17 15 15 13 15	17 15 16 17 17 14 15 13	17 15 16 17 16 14 15 14	18 15 16 17 17 15 15 14 15	18 15 16 17 17 15 15 14 14	18 15 16 17 17 15 15 14 14	18 15 16 17 17 15 15 14 15	18 15 17 17 18 15 14 14 16	18 16 17 17 18 15 14 14 17	18 16 17 18 18 18 14 14 17	18 18 17 19 19 19 14 15 25	18 18 19 19 19 19 14 15 21	19 17 17 17 18 17 14 16 18
MEAN	1.8	18	1.8	1.8	1.8	18	1.8	18	18	17	17	17	17	17	17	1.7	1.7	17	17	1.7	18	18	18	18	17

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 15 16 16 15 19 20 22 18 14 16 16 15 19 20 21 18 12 14 16 16 15 18 20 20 18 12 14 16 16 15 18 21 18 12 14 16 16 15 18 21 20 18 12 14 16 17 15 18 21 20 19 14 16 17 16 18 20 20 19 15 16 17 15 18 18 19 19 14 16 17 15 17 18 19 19 14 16 16 15 17 18 19 20 13 14 15 16 15 17 19 20 14 14 15 15 17 18 19 19 13 15 15 15 17 18 18 19 15 13 15 15 15 17 18 18 18 14 16 15 16 17 19 18 11 14 16 15 16 18 20 18 10 16 16 15 16 18 20 18 11 16 14 16 15 16 18 20 18 11 15 15 16 15 16 19 20 19 11 15 16 15 17 25 20 19 11 15 16 15 17 22 20 19 11 16 15 18 21 20 19 11 16 16 15 18 20 21 19 11 16 16 16 18 20 19 16 15 15 15 17 18 18 18 12 13 14 15 16 17 18 19 20 15 13 15 16 15 14 18 17 13 13 15 17 14 14 17 15 13 15 18 15 14 17 15 13 14 18 16 14 16 18 14 13 13 15 18 17 14 16 21 14 13 13 17 18 17 15 19 22 14 13 17 17 17 15 16 14 12 17 16 13 14 14 18 14 13 16 16 13 14 14 13 12 17 16 14 15 18 14 13 13 15 16 13 14 14 14 13 12 15 15 12 13 13 14 13 12 15 14 12 13 13 14 13 12 15 15 12 13 13 13 13 12 15 13 14 12 14 15 14 13 13 13 14 13 14 15 14 13 13 13 13 15 16 14 15 16 14 13 15 14 14 14 14 14 13 15 14 14 16 14 13 13 15 14 14 15 14 13 14 14 16 14 15 15 13 14 16 16 14 16 17 14 13 14 15 16 14 16 18 15 13 14 15 16 14 17 17 13 13 22 23 24 25 26 27 28 29 30 18 22 16 15 14 16 15 16 17 18 21 15 14 15 18 15 15 17 17 20 16 16 15 16 14 16 18 18 22 15 14 15 16 17 18 21 15 14 17 15 15 15 18 21 15 14 15 17 14 15 18 18 22 16 16 14 17 14 16 19 17 18 16 16 15 16 14 16 17 16 17 16 15 14 16 18 16 17 17 14 15 14 16 18 17 19 16 13 14 15 14 17 17 17 14 14 15 14 15 18 17 18 16 13 14 15 14 15 18 17 15 16 13 14 15 14 14 13 17 15 15 14 14 15 14 14 12 17 14 14 13 14 15 14 14 12 19 16 15 15 15 15 15 21 15 15 16 15 16 14 19 14 13 15 15 14 14 19 16 15 13 16 15 15 15 15 21 15 16 14 16 15 15 17 20 16 17 14 16 15 16 17 22 16 16 15 17 15 16 17 22 16 15 14 16 15 16 17 13 18 16 14 15 16 15 15 MEAN 

PERCENTAGE OF DATA VALID - 99

						ONTAF	SIO	MINIS	STRY	OF 1	THE I	ENVIR	ONMENT	- A)	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- TOT	AL H	YDROC	ARBONS	6						UN	IITS .	PART	S PER	TEN	MILLI	ON						
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HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14.	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	13 16 19 15 18 19 18 15 17 22	13 16 20 15 19 19 18 15 17	12 16 20 15 18 18 16 16	12 16 19 15 18 18 19 16 16	12 16 19 15 18 18 19 16 16 23	13 17 19 15 18 18 16 16 21	14 16 19 15 18 18 16 16 18	14 15 18 15 17 17 18 15 16 17	14 15 18 15 17 17 18 15 15	16 15 17 15 17 17 18 15 15	14 15 16 15 17 17 18 15 16	15 16 16 17 18 18 15 16	14 15 16 16 17 18 15 16 18	14 15 16 16 17 17 17	14 15 16 16 17 17 17 15 17 18	15 15 16 17 19 17 14 16 18	14 15 16 17 22 17 16 17 20 21	14 17 17 18 21 17 16 18 20 21	15 16 17 18 21 17 16 18 21 23	15 17 17 20 21 17 16 18 21 23	14 18 16 19 21 19 16 18 21 23	14 19 16 19 20 19 15 18 21 23	15 19 15 19 20 18 15 18 21 23	16 19 15 18 19 18 15 18 20 22	14 16 17 16 19 18 17 16 18 20
11 12 13 14	22	21	20 21	21 22	21 21	20 21	20	20	21 21	21 22	21 22	21	21 10 DATA DATA			26 11	27 11	27 11	27 11	26 11	26 10	24 10	23 9	22 8	23 16
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21 22 23 24 25 26 27 28 29	20 17 19 16 14 16 30 32	20 18 18 16 15 14 15 31 32 38	26 16 17 15 15 15 15 15 27 40	20 15 16 14 15 15 29 25 40	20 14 15 12 14 15 15 23 28 46	19 15 14 12 14 16 15 20 27	20 15 14 12 14 16 14 18 26 37	18 15 14 12 16 15 15 18 23	18 14 13 12 15 15 16 16 23	17 14 13 12 14 15 15 15 8	17 14 14 12 15 14 15 9	17 14 14 12 16 15 17 9	16 14 14 11 16 16 17 16 9	16 14 15 16 18 16 10	16 14 15 11 15 17 18 16 11	17 14 15 12 16 18 20 16	17 16 15 13 17 19 21 17 12	17 16 15 13 18 19 22 17 14 20	18 17 15 13 20 19 23 16 16 21	18 17 15 13 21 17 25 17 20 21	18 17 23 14 19 18 27 19 28 22	18 17 19 15 18 18 28 23 32 25	18 17 17 15 18 17 26 28 33 27	17 18 16 14 17 17 29 31 36 28	18 16 16 13 16 16 19 21 21 26
MEAN	19	18	18	18	18	18	17	16	16	15	15	15	15	15	15	16	17	17	18	18	19	19	19	19	17

UNITS - PARTS PER TEN MILLION

BRANCH

POLLUTANT - TOTAL HYDROCARBONS MONTH JUL STATION - SIMCOE HORTICULTURAL STATION NO MEAN HOUR DAY 34 33 29 24 21 18 19 27 26 40 29 33 27 18 41 31 33 29 18 21 22 36 26 40 36 36 30 29 20 19 20 28 41 33 36 31 22 31 23 31 40 34 35 32 31 23 17 28 32 41 39 33 30 32 22 19 33 39 40 30 23 17 17 23 35 33 32 31 18 19 22 40 27 26 17 41 26 18 16 17 25 22 21 17 20 22 32 23 38 34 30 28 20 20 33 30 38 36 27 22 19 18 28 32 40 22 18 17 14 28 17 19 14 28 21 15 15 12 20 26 19 20 17 25 17 32 34 22 17 33 17 14 18 21 22 19 13 16 20 19 15 18 21 18 15 19 22 18 22 27 20 22 36 26 17 20 17 23 19 22 36 27 11 12 13 14 15 16 17 18 19 20 DATA DATA DATA DATA DATA 14 16 20 MISSING MISSING MISSING MISSING 15 17 20 38 32 25 19 20 20 20 20 22 21 21 23 23 22 23 26 23 25 32 29 26 35 33 26 29 24 37 36 41 26 41 22 41 23 38 26 38 33 35 35 24 19 20 22 21 14 15 16 17 24 21 12 13 23 21 11 20 23 22 20 22 22 18 14 18 16 15 14 15 21 20 14 13 23 20 14 13 19 19 15 12 14 16 10 16 17 6 9 22 23 24 25 26 27 28 20 19 19 14 13 20 19 19 12 14 18 16 19 19 10 20 11 13 20 19 12 15 1.3 15 20 24 16 19 15 16 16 14 13 14 14 16 16 18 15 19 15 19 12 19 12 20 12 18 11 15 12 19 

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH SEP 24 MEAN 12 11 8 9 12 10 13 11 13 15 12 13 17 14 12 19 14 16 21 16 13 23 13 DATA 23 25 28 28 MISSING - 22 22 25 25 26 25 27 26 27 32 31 26 29 30 23 24 23 23 24 23 24 23 23 25 25 24 27 28 25 32 35 33 34 29 30 27 30 34 28 32 33 29 33 34 30 33 35 34 36 35 36 35 38 35 39 35 37 31 30 30 18 14 16 13 DATA DATA DATA 28 17 17 13 14 12 MISSING MISSING 32 \*\*\*\* 21 17 17 23 33 39 24 18 16 25 34 41 24 18 16 26 35 41 25 19 17 27 36 43 25 21 18 28 39 46 25 23 18 26 40 47 25 24 19 28 39 45 25 24 19 30 42 45 26 25 19 30 37 43 24 22 19 28 33 41 23 19 17 26 31 20 16 16 27 15 15 12 15 12 26 15 13 11 14 15 13 12 14 13 26 15 13 13 14 30 17 15 13 17 27 16 14 13 15 33 18 15 14 19 36 19 16 14 22 37 20 16 15 22 33 30 20 17 17 39 22 17 15 23 22 23 24 25 26 27 28 29 30 6 7 9 7 6 7 10 6 9 5 7 9 7 7 8 11 6 9 6 8 9 7 8 9 12 8 11 7 10 12 8 9 12 10 13 8 11 14 8 10 10 13 10 15 10 15 15 9 10 9 13 12 16 11 15 17 10 11 10 14 14 12 16 18 11 12 11 15 14 21 18 19 12 11 12 15 16 13 18 19 12 12 13 14 15 18 20 14 12 14 14 18 16 18 21 14 12 15 14 16 19 22 14 12 15 14 21 17 21 23 15 12 15 15 15 23 16 22 23 16 13 15 18 25 15 22 22 15 13 17 15 21 14 21 19 14 12 17 12 17 12 21 15 13 15 12 15 12 19 12 10 11 15 12 15 12 17 10 8 10 13 12 14 11 17 10 10 8 12 10 13 9 11 9 10 7 11 9 8 10 8 8 7 7 9 8 7 7 11 7 9 12 16 14 11 10 13 12 MEAN 

PERCENTAGE OF DATA VALID - 77

						ONT	ARIO	MINI	STRY	OF :	THE	ENVIR	ONMEN	IT - A	IR M	ANAGEI	MENT	BRAN	СН						
	POLL	UTANT	- TC	TAL H	HYDRO	CARBO	NS						u	NITS	- PAR	TS PE	R TEN	MILL	ION						
	STAT	ION -	SIMO	OE HO	ORTIC	ULTUR	AL ST	ATION	N	0 1600	01		M	ONTH (	ОСТ	73									
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1 2 3 4 5 6 7 8 9	21 11 7 9 5 25 22 18 20 18	22 10 8 10 5 25 24 19 21 20	23 10 9 12 6 25 25 20 21	24 10 8 16 8 24 25 20 21	25 10 9 14 10 24 21 21 22	25 10 9 14 12 25 25 22 21 23	25 9 21 13 26 25 22 24	25 9 10 17 14 26 24 23 23 25	23 9 10 13 14 25 26 22 23 27	19 10 9 11 23 26 19 19 23	15 9 7 7 19 23 16 17 21	13 9 7 16 17 21 13 14 20	12 9 9 6 15 15 19 12 13 23	10 8 7 6 14 15 15 12 11	10 7 7 6 13 14 13 12 10 8	9 6 7 7 12 13 12 11 9 8	9 7 7 6 12 12 12 11 8 7	9 8 5 11 13 12 11 9	9 8 8 5 13 14 13 12	9 7 8 4 16 15 14 15 13	9 6 8 3 19 17 16 17 16 15	9 7 8 3 20 15 18 17	9 8 10 4 23 22 16 19	9 6 10 4 24 25 17 20 19	16 8 8 9 13 20 19 17
11 12 13 14 15 16 17 18 19	19 18 16 21 21 19 22 26 15	19 18 17 23 19 17 23 25 16	10	20 21 17 24 15 23 26 17	19 19 18 25 15 22 25 18	21 19 18 26 16 21 28 18	21 19 18 27 16 21 27 18	21 19 19 28 17 22 25 17	20 16 19 27 17 21 24 18	18 15 18 25 18 21 18	15 13 17 23 17 20 15	12 11 17 22 18 21 15	11 13 15 21 21 21 20 16	10 13 14 19 19 20 17 15	9 12 14 18 18 15 19 19 17	15 15 15 19 19 16	15 19 20 16 15	9 13 17 15 19 21 16 16	10 14 17 15 19 20 16 17	12 14 17 17 19 22 16 17	14 14 18 17 20 24 15 18	15 15 18 *** 18 21 24 15	15 15 20 **** 18 21 25 15	16 16 20 18 22 27 14	15 15 17  18 22 20 17
21 22 23 24 25 27 28 29 30	19 23 34 24 22 20 23 20 13	20 25 25 24 22 21 23 20 13	20 26 24 29 22 21 23 20 13	21 23 25 25 22 23 23 20 14	21 25 25 26 20 23 23 19	22 225 224 220 23 219 14	23 24 22 25 20 23 23 19	21 24 21 25 19 23 23 18	20 22 21 26 19 23 23 18	18 18 22 24 17 21 23 19	18 17 21 22 17 20 23 19	17 17 18 21 19 23 19	17 16 16 21 19 23	17 16 15 19 **** 19 18 22 15 12	17 16 15 17 18 22 15	18 17 15 16 16 17 22 15	17 16 15 16 16 18 22 15	17 18 16 19 16 18 22 15	18 19 18 22 17 20 22 16	19 21 19 22 17 21 21 16	19 20 19 22 22 17 21 20 15	21 22 20 22 18 22 20 15	20 25 21 22 **** 19 22 20 14	21 24 21 21 21 *** 19 22 21 14	19 21 20 22 22 21 21 22 17
31 MEAN	15 19	14 19	15 19	14 20	14 20	14 20	16 20	16 20	14	14	13	12	12	11	12	13	13	13	11 13 15	11 12 15	11 12 16	13 12 17	16 13 17	14 13 18	13 13 17

UNITS - PARTS PER TEN MILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH NOV 24 MEAN HOUR 1234567899 10112345678990 1112345678990 DATA 16 26 25 25 DATA DATA DATA DATA DATA MISSING MISSING 15 24 23 24 MISSING MISSING MISSING MISSING MISSING 27 25 27 26 25 26 24 24 27 25 25 28 27 25 28 22 22 22 21 22 21 22 21 23 20 24 20 25 22 26 23 23 26 25 24 25 25 24 25 27 25 25 26 25 24 29 24 26 DATA MISSING 12 28 22 26 28 23 19 22 22 23 24 25 26 27 28 29 30 10 21 24 25 25 17 18 22 25 9 : 18 28 29 19 18 25 17 21 24 29 19 19 22 23 23 25 17 23 24 28 17 19 26 29 18 17 23 19 26 29 17 17 22 17 19 28 27 18 17 25 17 18 28 27 19 18 26 19 25 29 18 18 22 17 24 24 25 18 18 22 24 24 24 25 17 24 23 25 17 16 21 21 24 26 23 19 22 20 22 25 29 25 19 22 23 24 29 23 19 22 21 25 28 20 23 23 25 29 20 22 23 24 25 33 19 22 24 23 26 28 23 19 22 22 25 30 21 20 22 21 25 29 19 20 22 23 25 29 22 21 21 23 25 28 21 22 24 23 15 16 

PERCENTAGE OF DATA VALID 

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MEAN

POLLUTANT - TOTAL HYDROCARBONS

						ONTA	RIO	MINIS	STRY	OF 1	HE E	NVIR	NMEN	I - A1	H MA	NAGEN	IENT	BRANC	Н						
	POLI	UTAN	Г - Т	TAL H	HYDRO	CARBON	S						U	NITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION	- SIM	COE HO	PRTIC	JLTURA	L STA	TION	NO	1600	1		MO	ONTH D	EC	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.5	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	17 23 21 18 **** 17 13 21	17 21 21 18 16 12 22 15	18 21 21 18 **** 15 12 21	18 20 21 19 17 15 11 23	19 20 19 18 17 14 12 22	18 20 19 18 17 14 11 21	18 21 19 18 17 13 11 22	19 21 19 19 17 13 11 22	19 20 19 19 17 13 11 23	19 19 19 18 13 10 21	19 19 18 19 18 13 10	19 19 19 20 18 13 19	18 20 18 20 19 13 18 13 12 DATA	18 22 18 21 19 13 18 13 13 MISSI	18 20 19 17 19 13 17 13 17	17 19 18 14 19 13 18 13	19 18 12 20 12 19 15	21 21 18 13 20 12 21 15	24 21 18 12 19 12 20 15	22 21 18 15 19 11 20 14	21 20 18 18 12 21 14	22 21 19 **** 17 13 20 14	23 21 19 **** 16 17 22 15 ***	23 21 19 **** 16 14 20 15	19 20 19 17 18 14 16 18
11 12 13 14 15	19 16 16	19 16 16	20 15 16	21 15 16	21 15 15	1 9 1 5 1 5	19 16 15	19 16 15	17 16 17	16 16 17	17 16 17	17 16	17 16 DATA	MISSI 15 17 16 13 MISSI MISSI	15 18 16 NG -	15 17 16	15 17 16	17 17 16	17 17 17	17 18 18	17 19 18	18 18 19	19 17 19	18 16 18	18
17 18 19 20		0000	0000	5 4 5 5 4 5 1 7	17	18	17	17	* 0 0 0 * 0 0 0 1 7	8 0 8 0 9 9 9 9 17	17	19	16 21	16 20	16 18	16 16	17 17	14 17 15	11 17 15	11 17 16	11 18 16	9 17 15	12 17 16	10 17 15	17
21 22	16 26	16 26	18 25	19	19 25	20 27	20 27	18 27	18 26	18 27	18 29	18 29	18 29	1 8 2 6	18 27	18 28	21 28	22	23	25	25	27	27	27	20
23 24 25 26 27	20 19 23	18 19 23	17	17	18 24	19 25	20 23	18 24	17	18 31	18 29	19 28	19 27	20 28	19 28	16 19 28	16 19 28	17 19 27	18 19 27	18 19 26	19 19 25	20 19 24	19 18 23	20 19 23	19 25
28 29 30		0 4 4 4	4 4 2 9	p n + o	57 <b>8</b> 2 (18)	180 K 18091	ar svili n	£ 6.5.	5 - 6 fc	hi bi de di				MISSI MISSI 16		17	17	17	17	17	16	16	21	20	0 0 0 0
31	18	19	19	1.8	18	19	19	18	18	18	1.8	18	1.7	18	17	20	20	21	23	20	21	20	21	22	19
MEAN	19	18	18	1.8	18	18	18	18	1.8	18	18	19	18	18	18	1.8	18	18	18	18	18	18	19	19	18

ONTABLO MINISTRY OF THE ENVIRONMENT - ATR MANAGEMENT BRANCH

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SIMCOE HORTICULTURAL STATION NO 16001

FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT

VALID

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	15	29	64
FEB	21	21	25	32
MAR	13	15	22	34
APR	30	17	22	25
MAY	31	15	20	25
JUN	28	17	26	46
JUL	27	21	34	43
AUG	14	19	23	29
SEP	26	19	33	47
OCT	31	17	22	34
NOV	1.5	21	26	33
DEC	24	18	27	31
YEAR	282	18	34	64

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - TOTAL HYDROCARBONS UNIT - PARTS PER TEN MILLION STATION - SIMCOE HORTICULTURAL STATION NO 16001 00 TO 10 11 TO 19 20 TO 30 31 TO 60 61 TO 90 91 - 140 141-200 201&OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC Ť YEAR

11 0 14 4 16 6

FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95

19\_2 24.6

33.5

28.0

37 0

ARITH

17.8

MAX

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - BARTON WENTWORTH HAM OAMST NO 29025 MONTH JAN 24 MEAN HOUR DAY 13 13 13 15 16 16 DATA MISSING -16 19 17 16 16 16 16 2 3 4 5 6 7 8 9 10 18 14 14 13 12 16 14 14 14 12 14 15 15 15 19 11 15 16 15 14 10 13 15 17 15 13 10 13 14 17 17 11 11 16 17 15 16 14 10 14 16 16 15 16 18 17 15 11 10 13 17 19 9 10 12 14 15 14 15 15 14 15 11 12 12 14 14 11 11 14 16 10 11 13 14 15 12 9 13 14 14 10 11 14 15 16 7 8 13 17 16 7 15 16 18 15 15 7 15 15 7 17 11 12 10 1.0 21 17 16 13 12 14 14 14 18 21 16 18 13 13 14 13 16 20 15 17 14 12 13 14 13 16 16 17 14 17 13 14 16 15 18 20 13 18 12 21 15 17 17 18 13 17 12 18 20 15 17 18 17 16 13 12 14 15 17 22 16 16 13 12 14 14 13 18 12 13 14 15 16 17 18 19 20 15 21 13 18 12 13 15 17 15 15 18 13 17 12 13 15 56 14 13 18 13 16 12 13 16 16 15 13 21 14 16 12 14 18 13 15 20 13 16 12 16 19 14 15 15 20 14 18 19 17 20 15 17 17 15 14 12 16 17 15 17 15 15 14 19 12 13 14 14 14 17 15 23 13 14 16 16 14 18 15 17 14 11 15 14 14 18 15 17 15 11 13 14 13 13 16 14 17 12 13 13 13 16 13 17 12 13 13 13 15 17 11 12 11 13 13 15 17 11 12 12 14 16 17 14 22 14 14 15 17 15 18 14 21 12 13 17 42 13 14 21 13 15 18 24 15 7 13 13 16 18 15 12 9 11 13 17 18 14 9 11 13 17 26 18 9 11 14 15 24 15 9 10 5 17 20 12 14 15 19 19 12 14 15 21 15 15 13 14 15 19 16 15 15 16 14 15 15 19 14 10 5 14 17 14 16 16 28 15 18 15 17 20 24 17 13 14 16 17 20 15 8 6 14 16 18 18 16 8 5 17 22 23 24 25 26 27 28 29 30 22 11 13 16 27 14 98 7 19 10 13 15 23 15 8 7 30 12 14 19 26 16 43 14 15 20 40 16 28 13 15 19 45 27 13 14 17 23 16 7 20 18 17 20 29 17 11 6 15 20 11 13 16 26 14 19 11 13 16 23 16 8 8 21 11 13 15 21 15 8 23 11 13 15 22 17 17 21 

PERCENTAGE OF DATA VALID . 

MEAN

						ONTAR	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AIF	IAM S	NAGEME	ENT E	BRANCH	4						
	POLL	UTANT	- TO	TAL H	YDROC	ARBONS	8						UN	ITS -	PARTS	S PER	TEN N	MILLIC	ON						
	STAT	ION -	BARTO	ON/WE	NTWOR	TH HAN	1 OAI	MST	NO	2902	5		MO	NTH FE	В	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 N	<b>JEAN</b>
DAY 1 2 3 4 5 6 7 8 9	22 28 14 13 15 13 27 14	22 29 12 13 13 12 23 12 13	22 31 11 12 15 12 17 11	20 27 10 12 15 12 15 10 4	20 25 12 12 15 11 13 9	20 27 12 13 14 11 13 15	24 30 14 13 16 14 15 17 14	40 40 14 15 16 15 16 11 18	32 40 14 17 15 18 11 19 16	27 40 14 15 19 14 15 21	30 35 15 14 14 11 19	30 35 16 14 13 15 16 15	32 39 16 15 13 15	36 45 16 15 13 16 15 15	39 57 17 15 16 17 13 15	33 54 17 15 16 18 14 13 20	47 39 15 15 13 22 17 15 22 17	54 29 15 15 13 30 15 18 19	43 15 15 15 13 35 15 17 16	36 13 17 16 14 20 16 16 15	40 13 14 16 12 14 15 14	28 13 15 15 12 18 15 16 15	25 12 15 14 13 20 15 14 15	26 13 15 15 13 23 15 15	31 30 14 14 14 17 16 13 17
11 12 13 14 15 16 17 18 19 20	14 16 19 16 8 13 14 12 5	15 16 19 33 •••• 9 12 15	16 16 17 34 10 12 14 10 5	17 15 25 21 11 12 13 10	15 15 33 15 11 13 13 10 3	16 15 29 17 11 16 12 10 3	16 17 30 21 12 15 12 14 5	16 19 33 21 12 15 13 15 7	16 21 36 19 12 14 13 18	16 20 28 18 11 13 14 13 17	17 18 12 14 13 14 16 12	17 12 13 13 14 13 14 16 12	16 16 10 12 11 14 15 13 15 12	16 18 13 12 11 14 17 14 14	17 18 16 10 11 14 18 13 12	18 19 15 14 11 14 21 12 15	16 22 18 12 12 14 18 13 14	15 19 17 10 11 14 19 13 11	15 19 17 11 15 16 13 83	17 18 16 11 10 14 16 13 8	17 18 24 9 10 15 16 13 7	17 20 31 9 10 15 16 12 7	17 23 31 8 10 15 16 12 7	17 21 23 7 9 14 17 12 6	16 18 22 15 6 6 6 6 13 13 15 13 12
21 22 23 24 25 26 27 28	11 11 6 9 12 10 13	12 11 6 9 13 9	9 12 7 9 12 8 10	9 12 7 8 13 9	9 10 6 8 13 10 13	10 10 6 8 13 9	12 12 8 10 14 10 13	18 18 11 11 14 10 14 16	20 14 15 11 11 11 14	20 12 15 9 10 11 13	19 19 11 9 10	21 5 10 9 10	16 5 8 9 10 12 11	14 5 7 8 10 13	16 5 8 9 9 13 10	18 7 9 10 13 10	20 8 10 9 9 13 10	16 7 9 9 13 10	13 7 9 10 9 13 10	14 6 11 10 9 13 10	14 4 10 10 8 12 10	15 10 10 8 12 11	12 5 9 12 9 13 13	11 7 9 14 10 13 14	15 9 9 10 11 11 11
MEAN	14	1 4	14	13	13	13	15	17	1.7	17	16	1.5	1.4	1.5	16	16	17	16	15	14	14	14	14	1.4	15

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH
POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

	STAT	ION -	BAR	TON/W	VENTWO	RTH H	AM. O	AMST	N	0 290	25		N	HTMO	MAR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	12 20 9 18 13 10 16 8	1 1 1 6 8 1 4 9 1 0 1 2 8 1 8 8	11 13 8 12 9 10 10 9 22 8	9	16 8 8 9 10 10 24	18 8 9 10 10 8 24	12 17 8 9 8 16 19 18	15 20 8 10 8 19 20 10	13 8 9 8 15 15 11 20	20 8 9 8 14 9 14	10 20 9 9 14 10 12 13	10 19 9 10 8 14 10 11	10 18 10 12 8 12 19 13 9	17 10 11 8 13 17 13	17 10 10 9 13 19	12 10 11 14 12 15	12 17 11 15 11 14 10 16 9	11 15 11 15 10 14 10 15 9	10 13 10 14 9 16	12 14 8 12 10 14 9 15 9	13 8 12 10 13 10 19	9 11 10 12 10 16 7	9 13 13 10 15 9 17	20 13 10 17	11 16 10 11 9 13 12 13 14
11 12 13 14 15 16 17 18 19	11 5 14 13 14 9 5 6	11 5 14 13 14 9 6 7	10 6 13 13 15 8 5 7	13 13 14 7 6 7 8	7 9	8 5 9 13 15 6 5 7	8 6 11 13 15 6 5 8 7	9 7 12 14 15 6 5 9	13 **** 17 15 7 6 9	10 13 13 15 7 6 10	12 10 16 17 16 8 6 8	13 11 17 16 30 18 9 5 8	13 9 17 17 21 18 9 6 9	18 17 14 18 8 7	17 12 18 6 7	11 16 14 16 6 10	14 12 24 14 14 20 6	10 12 23 14 14 21 6 7	15 14 18 6	11 12 15 15 14 6 8 9	15 11 15 16 12 6 8 9	15 **** 15	7 13 **** 14 15 14 6 7 9	13	10 10 15 15 16 7 6 9
21 22 23 24 25 26 27 28 29	13 8 12 17 18 13 10 10 12	13 8 10 19 20 11 8 12 11	12 7 9 16 15 8 14 11	12 69 14 12 8 8 12 11 15	11 6 9 15 11 8 7 10 11	11 6 9 14 13 8 7 9 11	12 6 9 15 10 10 9 13 12	12 7 10 15 12 11 11 12 15	12 9 13 12 13 11 12 14	12 9 **** 11 10 10 8 12 15	9 10 9 9 9 8 13 14 16	8 9 11 10 6 7 12 13 18	8 9 11 11 6 7 7 13 15	9 9 11 10 6 8 10 13 15 18	8 9 11 9 7 8 10 13 13	7 10 9 7 11 10 14 16 20	7 11 9 8 8 13 12 15 16 24	7 12 9 8 10 13 11 13 15 21	6 12 9 13 8 11 12 15 16 18	6 12 23 11 8 7 13 14 20	6 12 20 12 9 7 17 17 22 15	8 12 21 20 10 7 16 19 23 18	8 11 25 24 13 10 15 21 17	8 12 21 23 13 10 12 19 19	9 13 14 11 9 10 13 15
31	14	14	15	0.0.0	* * * =		6000	0000	0000	0000	0.0.00	0000	0000	5000	5000		0.0.0.0	0.000	000		0000				
MEAN	12	12	1.1	10	10	10	11	12	12	11	1.1	12	12	12	11	12	13	13	1.2	1.2	12	12	12		

PERCENTAGE OF DATA VALID - 93

						ONTA	RIO	MINIS	STRY	OF 1	THE E	ENVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLI	LUTANT	- TO	TAL H	HYDROC	CARBON	IS						UN	IITS -	PART	S PER	TEN	MILLI	ON						
	STAT	TION -	BART	ON WE	NTWOF	RTH HA	M OA	MST	N	2902	25		MC	NTH A	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
2 3 4 5 6 7 8 9	8 6 10 3 8 11 10	8 8 9 3 9 10 12	7 9 8 4 5 10 11	7 9 8 3 5 9 11 10	7 9 8 2 5 9	7 10 7 2 5 10 11	14 11 8 3 7 10 12	18 13 8 5 9 10 12	13 8 7 5 12 10 12	16 16 9 7 7 10 10	17 13 11 7 9 10 12 13	17 12 13 6 8 10 11 13	14 16 10 4 5 9 11 13	MISSI 13 14 7 4 5 10 12 13 9	NG - 12 17 7 5 6 10 13 13 8	12 21 9 6 8 9 8 13	12 28 9 7 10 12 8 13	9 18 7 6 6 11 6 13	15 15 7 6 8 11 6 13	11 17 7 11 8 12 5	9 13 8 7 8 13 5 11	9 13 8 5 8 13 6 11	8 10 8 5 8 13 8 11 16	12 6 10 4 9 13 11 11	13 9 7 6 10 9
11 12 13 14 15 16 17 18 19 20	18 24 19 11 14 27 12 16 28 18	17 24 19 11 14 17 13 15 20	18 29 21 11 14 22 11 15 21	17 23 21 12 20 22 11 15 19	17 23 21 10 19 20 11 19 17	17 23 21 10 19 18 12 18	18 24 20 12 21 20 15 25 14	19 28 18 15 14 22 14 27 28	21 19 15 14 13 22 32 31 14	19 18 12 12 12 22 13 30 28	19 17 13 11 14 11 25 28 14	19 15 13 11 14 9 10 24 23	19 13 9 11 15 12 10 22 16 11	19 14 9 11 14 12 11 24 15	19 18 7 13 14 14 13 21 13	19 18 8 13 17 14 13 25 15	19 16 10 13 18 16 14 29 17	19 16 8 13 18 17 16 23 15	19 17 9 13 19 17 15 19	20 17 9 13 21 15 16 35 16 21	20 18 9 11 19 13 16 41 14	20 18 9 11 19 11 18 34 13	23 19 11 12 25 13 19 25 14	23 20 12 14 31 13 19 28 21 21	19 20 13 12 17 17 14 24 19
21 22 23 24 25 26 27 28 29 30	18 12 11 12 13 21 15 8 10	17 13 11 12 15 17 12 7 10	15 11 13 14 15 13 7	15 11 11 12 11 11 13 7 8	30 11 11 12 13 11 13 6 8	35 11 12 13 12 11 12 7 8	24 11 14 14 12 13 13 7 11	27 11 13 14 15 15 14 6 9	25 11 13 14 13 16 12 6 9	38 11 14 14 13 12 13 6 10	49 11 14 14 18 13 6 10	38 11 14 12 15 13 6 8 12	31 11 14 15 12 14 13 6 7	15 10 16 13 13 15 16 7 9	15 10 14 14 13 12 14 7 8	15 9 14 13 16 12 12 8 10	16 9 16 13 15 15 15 8 8	16 9 13 11 15 17 14 9 8	16 9 12 11 16 17 12 9 8	17 10 12 13 17 19 10 11	16 11 12 17 21 15 8 11	12 12 12 18 22 16 8 10	12 12 12 16 20 15 8	12 12 11 15 22 16 11 10	22 11 13 14 15 15 12 8 9
MEAN	14	13	13	1.2	13	13	14	15	15	15	15	1.4	13	12	12	13	14	13	13	1.4	1.4	13	1.4	15	14

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - BARTON/WENTWORTH HAM. DAMST NO 29025 MONTH MAY HOUR DAY 24 MEAN 10 15 10 11 12 10 16 11 13 10 8 6 12 14 12 11 8 6 11 12 14 \*\*\* 17 5 5 9 12 15 7 10 5 5 9 12 16 8 5 5 10 12 19 • 4 6 5 10 12 28 11 9 8 11 12 25 6 9 8 10 13 21 9 6 14 10 11 13 16 10 8 11 10 13 22 8 6 13 11 11 7 3 13 12 12 13 11 12 7 12 13 9 12 14 12 9 14 12 7 10 13 14 17 10 11 12 10 11 12 18 10 13 20 10 13 12 19 12 17 13 15 14 13 11 13 17 10 6 9 12 12 11 13 23 10 6 7 18 19 11 13 27 10 13 34 10 7 10 13 22 12 12 13 25 9 7 9 12 21 10 13 18 12 8 11 15 15 12 13 14 15 16 17 18 19 20 13 13 15 10 7 11 16 13 11 13 13 16 9 8 12 13 12 12 13 18 12 89 11 16 11 12 13 16 13 7 8 11 12 11 12 13 25 11 68 13 11 12 13 21 9 6 8 12 13 12 13 21 9 7 9 12 12 11 13 24 10 6 8 14 14 12 11 13 13 14 8 7 8 14 41 10 12 13 13 8 10 12 13 13 12 11 15 7 13 13 13 13 13 11 17 17 12 11 18 11 12 12 16 15 11 12 14 12 9 8 12 16 15 13 13 15 10 7 12 17 12 13 18 15 8 11 11 10 12 11 13 9 10 12 16 17 12 12 21 11 12 30 1.2 22 23 24 24 25 26 27 28 29 30 12 11 11 13 12 12 11 15 24 12 19 13 9 20 18 12 14 22 10 17 13 10 21 12 14 15 17 10 20 18 11 22 15 10 28 17 12 22 15 14 15 15 15 18 10 22 15 16 15 15 14 15 15 11 21 15 19 15 15 14 16 14 11 17 14 21 12 16 16 16 16 12 16 13 11 11 9 23 13 11 18 12 11 15 11 26 14 15 9 17 12 16 13 10 18 13 7 19 11 29 11 7 7 19 13 23 10 11 27 15 24 13 19 14 15 10 13 19 20 26 10 14 13 21 10 16 14 12 18 13 17 14 11 18 15 18 14 12 14 7 18 14 15 16 20 17 13 15 13 19 22 15 12 19 24 16 13 11 11 12 18 15 11 10 13 15 12 10 9 11 14 13 16 9 13 9 11 16 14 17 13 19 25 1.1 1.3 MEAN 1.1 

PERCENTAGE OF DATA VALID - 95

						ONTA	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEN	IENT	BRANC	Н						
	POLL	UTANI	- TO	TAL H	YDROC	CARBON	S						UN	IITS -	PART	S PEF	TEN	MILLI	ON						
	STAT	ION -	BART	ON/WE	NTWOF	ВТН НА	M OA	MST	NC	2902	5		MC	NTH.	JUN	73									
HOUR	1	2	3	4	5	6	7	8	9	1.0	1.1	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
12345678910	11 15 18 27 12 15 16 13 21	9 17 18 38 11 15 16 11 20	8 18 18 39 11 14 14 11	8 24 17 35 10 14 14 11	10 13 15 10 9 14 11 17	15 13 16 11 14 15 13 25	15 13 16 13 16 16 14 22	13 13 15 12 16 17 18 14 9	13 14 14 11 18 15 17 18	12 14 14 17 17 17 18 15	12 14 15 16 24 18 17	11 14 15 14 17 18 18	14 14 16 14 18 19 19	14 14 16 13 20 20 19 14	12 14 13 13 17 19 19	13 14 16 13 16 18 19	13 16 18 12 18 18 19 14	14 16 16 13 16 16 19	14 16 17 13 16 13 19	16 17 17 12 15 13 18 18	18 21 15 12 17 12 17 18	15 24 16 *** 11 15 14 17 18	17 23 19 *** 13 18 15 17 18	17 20 20 *** 12 14 16 14 17	13 16 16 16 17 14 15 16 17 14
11 12 13 14 15 16 17 18 19 20	17 14 17 21 24 19 22 18	13 14 15 19 28 19 19 15 24	15 16 15 18 27 19 21 25	17 13 16 18 24 19 21 20	2036939287	22 16 21 24 26 19 21 21 41	299820300 19820300 232225	21 19 20 26 37 21 23 28	20 20 20 25 36 20 23 24	21 16 19 29 23 21 24 224	21 17 19 30 24 25 225	22 18 18 27 22 23 23	17 14 14 23 21 17	17 14 16 20 26 17	18 17 16 15 22 30 18 17 22	196 166 152 221 221 231	20 16 17 17 23 26 19 18 21	16 18 19 20 25 19 20	16 18 20 22 24 20 14 22	19 20 19 21 23 23 23 17 23	19 18 20 29 23 23 24 18 22	20 20 27 24 23 25 18 21	20 21 22 25 26 23 25 20 23	19 220 26 24 27 18 27	19 17 19 23 26 21 20 20 25
21 22 23 24 25 26 27 28 29 30	17 21 29 23 33 58 20 14 14 20	17 20 25 24 30 51 20 13 12 23	18 20 30 24 31 38 22 13 14 23	19 21 24 31 33 17 13 22 22	22 21 21 23 31 32 16 14 13 22	31 25 24 24 36 27 19 17 18	27 26 24 26 37 27 23 16 19 22	28 26 29 25 39 33 24 15 17	27 29 26 25 32 29 22 13 15	27 28 21 25 32 30 23 15 16	25 26 23 26 20 30 25 16 19	25 27 23 26 20 22 28 16 20	19 18 22 22 19 22 40 16 17	21 23 22 19 23 19 15 15	21 22 23 25 18 22 16 21 15	21 23 26 24 21 25 16 19 15	21 22 29 26 20 24 16 18	20 24 29 20 22 16 15 17	23 25 26 27 20 21 17 15 16	25 29 26 27 21 18 20 14 20	24 30 28 29 22 16 19 14 20	25 29 27 33 29 18 15 20	28 29 30 41 36 26 21 16 18	26 31 34 37 44 24 19 17	23 25 26 27 28 28 20 15 17
MEAN	20	20	20	20	1.8	21	22	21	21	21	21	20	18	18	19	19	19	19	19	20	20	21	22	22	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - BARTON/WENTWORTH HAM OAMST NO 29025 MONTH JUL 24 MEAN HOUR DAY 26 19 21 86 46 26 20 19 2 3 4 5 6 7 8 9 10 DATA 17 15 15 15 14 MISSING 17 15 15 15 16 16 15 15 15 14 17 15 15 18 16 16 17 16 16 17 18 16 16 15 23 17 16 15 15 16 15 15 20 19 15 16 16 20 15 16 16 18 16 17 19 19 16 17 19 20 17 18 18 18 17 18 20 13 16 17 18 22 13 16 15 18 17 16 17 15 16 21 14 15 17 18 16 16 15 15 16 14 15 16 40 15 15 16 17 17 16 16 14 15 16 29 15 16 14 12 13 14 15 16 17 18 19 20 17 16 17 22 19 28 61 24 20 16 15 16 23 19 28 46 22 18 17 15 17 26 19 28 37 19 18 16 17 31 21 30 35 20 22 19 17 18 22 26 39 40 22 24 17 17 17 20 27 26 32 21 24 18 17 17 17 24 22 28 17 18 17 16 19 20 27 20 26 17 18 17 16 19 24 19 25 17 17 17 15 18 20 21 29 16 16 15 15 17 20 18 35 17 18 16 15 17 20 21 34 17 18 17 15 15 17 19 25 30 17 23 16 15 17 19 25 28 16 19 16 15 15 18 21 23 24 17 17 18 16 15 18 21 23 29 16 17 18 16 16 17 21 21 17 18 17 17 19 21 22 27 17 18 17 23 21 25 22 26 15 16 18 18 27 32 31 22 30 16 17 19 18 24 36 39 21 26 15 16 21 22 30 52 32 20 23 17 17 17 19 20 25 30 22 25 16 16 16 32 19 28 51 28 18 17 15 17 25 20 28 40 18 31 24 18 16 15 14 16 17 23 29 19 20 16 15 13 16 17 25 24 22 21 24 20 15 16 22 25 26 22 18 17 13 14 16 22 28 26 22 37 22 16 14 15 20 30 27 21 25 19 18 14 15 22 24 30 21 37 20 16 13 22 17 21 24 21 17 16 14 21 17 20 24 19 16 18 15 17 20 19 19 17 18 14 21 17 19 23 17 16 14 23 21 18 22 23 17 16 15 21 22 18 19 19 20 15 16 18 22 16 19 17 20 17 16 16 18 17 20 21 23 15 16 16 23 17 17 19 22 15 16 19 23 29 30 35 19 20 15 16 19 24 28 21 18 15 16 17 22 23 24 25 26 27 28 29 30 22 28 24 19 13 14 16 27 22 30 23 39 19 13 14 16 20 24 27 21 27 16 14 14 16 31 28 21 28 20 16 15 17 33 22 17 21 29 22 15 19 17 22 17 21 25 21 15 20 14 17 34 19 14 17 17 MEAN

PERCENTAGE OF DATA VALID - 93

						ONTA	RIO	MINIS	TRY	OF TH	HE E	NVIRO	MENT	- AI	R MA	NAGEM	ENT E	BRANCI	н						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UN	ITS -	PART	S PER	TEN I	MILLI	ON						
	STAT	ION -	BART	ON WE	NTWOF	AH HA	M OA	MST	NO	2902	5		MON	IA HTM	JG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	1.2	13	1.4	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	20 18 13 18 20 21 26 15	15 20 13 17 19 21 24 14	18 19 13 17 19 21 24 14	18 21 13 17 19 21 24 14	16 25 13 17 19 21 22 14	17 27 16 17 19 21 22 15	16 26 16 17 19 21 23 16	15 18 17 19 20	16 16 15 18 20 20 16	16 17 14 18 21 21 32 16 16	19 17 13 18 21 22 24 16	18 17 14 18 21 22 20 16 19	17 17 14 18 21 22 20 16 19	17 17 13 18 23 24 24 16	18 18 16 18 22 26 22 17	20 22 17 21 23 26 22 19 23	19 16 17 22 23 26 20 19	18 17 19 22 23 28 17	17 16 20 22 23 28 17 19	17 17 20 23 24 28 18 21	19 16 20 23 26 28 18 22	23 16 20 22 24 28 18 21	21 15 19 20 23 26 18 20	18 14 19 21 23 25 16 18	18 18 16 19 21 24 21 17
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UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS MONTH SEP 7.3 STATION - BARTON WENTWORTH HAM. OAMST NO 29025 24 MEAN HOUR DAY 15 12 16 14 12 24 13 13 12 22 13 23 21 17 17 18 11 14 22 23 20 20 18 11 13 17 12 13 14 12 20 12 12 11 20 19 15 17 14 16 15115 14 16 12 20 21 16 18 16 12 17 11 23 24 20 18 17 18 13 13 14 23 19 17 18 17 15 13 15 13 14 21 27 20 16 20 23 25 14 17 21 18 14 19 21 24 12 11 13 23 17 13 18 19 15 12 12 13 23 18 15 16 15 12 14 12 25 20 15 15 15 2 3 4 5 6 7 8 9 10 13 22 17 15 19 20 18 12 13 22 19 16 17 15 20 11 21 21 18 18 17 16 23 21 19 17 16 23 19 19 18 20 18 28 20 20 20 27 17 16 17 16 16 16 17 16 17 15 17 17 15 17 17 21 18 18 18 1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 2 0 20 28 21 19 17 23 20 21 16 20 27 19 19 16 21 20 16 16 20 15 16 15 18 15 16 16 20 17 16 16 20 15 17 16 22 15 16 18 21 16 17 18 24 16 18 21 19 19 18 24 19 16 17 19 20 17 18 24 19 16 18 21 20 17 19 25 18 16 18 22 24 17 24 26 18 17 17 23 28 20 18 23 31 21 16 19 23 24 21 18 23 29 21 17 19 25 21 16 21 26 23 18 21 21 25 21 20 20 28 26 17 23 25 24 20 25 19 27 19 17 22 19 21 17 21 47 21 23 19 22 18 26 18 21 39 20 22 17 23 18 25 19 26 22 17 23 22 16 20 20 14 25 16 23 17 20 21 20 17 21 21 21 21 21 40 20 24 17 22 16 27 21 18 16 25 14 25 16 21 16 18 19 20 12 25 17 23 14 20 18 19 15 23 18 23 14 38 22 24 16 22 15 26 19 21 23 22 22 26 23 19 28 19 19 25 22 19 22 22 16 19 22 18 18 20 18 22 20 18 21 19 18 22 19 18 20 22 21 22 28 20 22 19 18 20 25 19 20 22 23 24 25 26 27 28 29 23 22 20 23 24 18 26 36 26 20 24 33 34 20 22 30 22 26 27 25 25 20 22 18 18 25 19 24 24 19 25 18 28 28 25 25 19 20 25 23 34 24 30 23 24 22 41 22 23 20 24 26 27 22 23 24 24 21 23 23 24 22 35 22 24 22 36 21 26 21 28 22 23 21 26 22 27 23 35 22 27 28 23 29 22 25 27 38 22 26 25 37 22 28 23 36 21 27 24 27 22 26 27 21 24 23 22 23 24 20 23 24 23 22 23 25 24 26 24 29 28 25 26 MEAN

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POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - BARTON/WENTWORTH HAM. GAMST NO 29025 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 13 12 11 9 12 10 13 11 13 12 13 12 13 10 12 11 14 10 13 10 MISSING DATA 11 12 14 12 11 15 10 18 14 17 20 18 22 20 23 22 18 22 20 23 10 18 15 18 22 14 15 13 15 14 17 13 22 19 16 22 16 21 19 17 27 17 22 21 17 27 17 22 21 17 25 19 20 19 17 27 19 21 20 17 24 19 24 21 13 17 14 22 12 15 13 22 13 16 15 22 18 17 17 23 13 16 14 22 16 16 16 24 16 18 19 24 18 16 18 21 13 16 15 22 18 17 18 23 16 15 19 12 13 14 15 16 17 18 19 20 DATA DATA 20 MISSING MISSING 20 .18 19 21 25 19 25 17 18 23 25 21 17 21 24 21 22 19 21 25 21 23 20 22 26 17 21 21 22 26 17 22 22 22 26 17 21 23 24 27 18 21 23 24 25 19 23 23 27 22 19 22 19 28 18 23 18 30 20 21 19 31 21 18 19 28 21 20 28 18 25 19 27 19 21 19 26 21 20 37 29 16 21 28 22 21 20 39 28 16 36 30 29 31 29 23 29 32 21 21 27 21 18 24 27 22 17 2425 26728 200 17 24 27 21 18 15 21 30 20 14 29 20 19 15 27 19 27 16 23 22 21 17 24 22 20 23 26 21 18 32 32 35 18 16 16 21 28 20 16 24 22 21 13 20 30 20 18 24 20 18 22 24 21 18 26 25 22 17 26 27 31 17 33 28 35 20 38 29 33 20 27 30 17 17 27 26 17 21 26 28 17 20 25 34 17 17 23 27 21 17 22 26 25 19 19 30 20 14 16 19 18 16 19 18 18 18 22 16 21 20 16 19 18 18 19 18 18 17 17 19 17 16 20 16 17 20 15 17 20 16 16 17 19 17 20 .... MEAN 

PERCENTAGE OF DATA VALID - 74

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	STAT	TION -	BART	CON / W	ENTWO	ATH HA	M. 04	AMST	N	290	25		M	ONTH	DEC	73									
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MEAN	22	22	22	23	21	20	21	22	23	23	25	22	21	21	21	22	22	23	22	21	21	21	21	22	22

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - BARTON WENTWORTH HAM DAMST NO 29025

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN 10

9 4

13.4

16 3

OF DATA VALID

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	30	15	24	56
FEB	28	1.5	31	5.7
MAR	3.1	12	1.7	30
APR	29	1.4	24	49
MAY	31	13	19	41
JUN	30	20	28	5.8
JUL	3.0	20	30	86
AUG	31	20	35	82
SEP	30	20	27	60
OCT	30	22	31	62
NOV	27	. 20	28	57
DEC	30	22	28	66
YEAR	357	18	35	86

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - TOTAL HYDROCARBONS UNIT - PARTS PER TEN MILLION STATION - BARTON/WENTWORTH HAM. OAMST NO 29025 00 TO 10 11 TO 19 20 TO 30 31 TO 60 61 TO 90 91 - 140 141-200 201&OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

19.3

CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
50 70 90 95

24 9

28.4

34.8

39.8

ARITH MEAN

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MAX

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 MEAN 20 23 19 16 17 16 23 15 20 22 20 16 16 16 19 14 20 22 20 16 16 15 20 14 20 22 22 16 16 16 15 18 23 29 25 18 16 26 20 18 23 29 25 18 16 25 21 18 23 27 18 18 16 15 22 18 22 25 17 18 16 15 23 19 22 23 17 18 16 15 26 19 23 23 18 20 16 15 29 18 22 18 19 16 15 25 17 23 21 18 18 16 15 27 17 23 21 17 18 16 15 22 17 16 23 20 17 16 16 16 16 23 19 17 16 16 21 16 15 20 21 16 16 15 18 14 20 21 16 16 15 15 18 20 22 21 16 16 15 15 18 25 21 16 16 16 17 19 22 27 21 17 16 16 22 20 18 22 27 20 18 16 16 24 18 23 19 16 16 16 15 22 16 22 23 19 17 16 16 22 18 16 18 18 17 16 26 18 18 19 17 16 32 19 18 12 13 14 15 16 17 18 19 20 18 22 19 22 18 19 25 20 17 21 19 22 18 19 24 28 16 21 18 22 18 19 24 28 17 16 20 18 22 18 18 24 27 15 20 18 22 18 18 24 28 17 15 20 18 22 18 18 24 29 17 15 19 18 22 18 18 24 40 17 17 18 18 26 19 28 27 17 18 18 18 27 19 22 31 26 17 18 18 18 29 19 25 25 18 21 19 18 25 19 21 24 24 18 19 18 23 23 24 25 18 18 21 23 21 29 27 25 19 22 17 20 21 20 30 25 22 18 21 17 20 18 19 25 21 18 23 18 22 18 19 26 28 20 18 19 19 22 19 23 26 26 18 16 18 18 19 19 26 43 17 17 18 18 28 19 21 28 26 17 20 18 19 22 21 25 26 26 18 25 18 20 20 31 25 24 19 26 17 20 24 21 30 26 23 18 21 17 20 19 20 30 24 21 18 21 17 20 18 20 28 25 21 18 21 17 21 18 18 25 30 21 18 22 23 24 25 26 27 28 29 30 15 17 5 18 25 25 14 13 15 19 19 12 22 6 16 13 17 19 21 22 28 15 16 15 10 20 21 19 28 16 14 16 15 13 22 18 19 36 18 15 16 16 18 17 23 23 15 15 17 15 18 17 25 25 17 14 17 15 18 18 26 25 15 13 15 16 5 18 27 24 13 12 14 15 17 5 18 23 21 13 12 14 16 17 5 18 23 19 13 14 22 18 7 20 37 17 13 16 17 20 19 20 33 17 12 15 17 11 20 19 31 16 14 15 16 21 19 22 35 18 16 18 17 21 18 23 26 16 15 18 17 18 23 22 15 14 17 16 25 16 19 23 24 15 14 16 15 16 18 23 27 15 14 16 14 10 16 17 22 27 15 14 15 13 8 16 18 23 27 17 14 16 13 16 18 13 20 29 18 14 15 15 16 18 25 24 13 12 14 29 17 6 19 54 18 13 17 19 10 23 26 17 12 16 15 MEAN 

PERCENTAGE OF DATA VALID - 99

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	STA	TION	- 67	COLLE	GE ST	TORO	NTO O	AMST	N	310	01		M	ONTH I	FEB	73									
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PERCENTAGE OF DATA VALID - 86

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MEAN	18	17	18	18	19	19	19	20	19	19	19	18	18	18	18	18	17	17	17	17	17	17	18	18	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - 67 COLLEGE ST TORONTO DAMST MONTH SEP NO 31001 HOUR DAY 24 MEAN 19 29 22 23 27 25 29 26 18 27 19 24 24 27 29 38 18 32 16 25 27 27 28 29 39 32 18 33 38 25 21 40 29 24 28 37 24 23 39 36 23 22 38 30 25 27 28 36 24 27 38 28 26 27 29 37 27 31 51 37 26 25 45 31 26 29 35 35 25 25 40 28 27 29 39 32 25 29 34 25 27 26 28 31 29 23 36 29 23 27 26 28 29 28 19 32 26 27 26 27 28 27 19 30 26 21 24 26 27 28 26 19 30 24 22 26 26 28 25 18 30 18 24 26 26 29 26 17 29 19 25 23 26 28 29 28 17 30 18 25 24 27 27 28 30 20 34 19 26 28 27 27 29 33 21 34 18 26 31 27 27 29 37 23 32 15 26 32 27 27 28 39 19 31 16 28 27 28 28 33 22 28 28 27 26 27 29 2 3 4 5 6 7 8 9 39 27 19 40 25 27 28 26 28 33 26 27 28 24 27 28 28 33 28 25 24 25 25 29 24 30 28 30 23 25 23 25 26 26 12 13 14 15 16 17 18 19 20 24 33 28 27 23 27 23 39 26 29 37 27 27 24 25 24 26 22 28 31 27 24 23 23 23 24 23 27 31 26 25 24 24 24 25 23 28 31 24 25 24 25 24 25 24 24 24 27 29 24 25 24 22 26 23 24 28 28 32 24 26 23 26 26 26 29 28 33 27 24 35 27 24 32 30 23 26 22 34 26 24 35 35 27 23 27 23 35 26 25 36 27 26 28 22 37 24 27 38 27 26 29 22 38 24 29 41 27 26 23 32 23 32 23 32 23 35 41 28 28 23 34 23 31 22 29 31 27 26 24 24 24 24 23 28 30 25 23 25 24 24 24 23 28 28 28 23 24 22 25 25 22 23 24 25 26 27 28 29 30 22 22 23 22 25 22 20 13 8 22 28 20 24 22 21 19 18 7 261 264 277 261 19 21 17 26 25 26 24 15 13 19 19 26 16 30 21 16 12 6 18 19 25 16 31 22 17 11 17 21 24 16 27 21 18 10 18 20 23 16 23 20 18 10 7 22 21 23 16 20 20 17 11 8 25 20 23 16 22 19 18 11 8 25 21 23 20 23 18 18 11 21 22 23 28 17 21 11 21 24 22 23 21 24 21 11 21 22 24 26 27 26 13 8 21 22 23 24 26 24 12 8 25 18 24 24 26 24 22 13 7 23 23 25 27 18 19 21 22 22 22 29 18 23 12 21 24 23 22 26 20 17 17 22 27 21 23 22 20 19 19 8 22 26 20 23 24 21 19 22 26 21 22 20 23 21 11 21 22 24 22 23 26 22 14 8 25 19 26 26 26 28 23 18 9 MEAN 

PERCENTAGE OF DATA VALID - 98

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21 22 23 24 25 26 27 28 29 30	15 49 50 37 27 23 18 17 16	15 43 52 85 27 18 18 17 16	15 39 31 63 28 18 16 16	18 38 26 58 41 19 18 16 16	17 44 32 47 40 19 18 16	16 44 49 37 46 21 18 16 16	20 54 45 61 57 26 18 16 15	17 61 37 95 41 35 18 16 16	15 36 32 51 40 26 18 16 16	16 28 29 32 42 21 18 16 16	17 19 24 33 33 19 19 16 16	15 18 19 30 32 18 19 16 16	14 17 20 27 25 17 19 16 16 22	14 18 21 26 17 20 16 16 22	14 21 22 28 17 21 16 16 22	14 22 21 31 27 17 21 16 16 22	15 22 18 36 31 17 21 16 16 23	16 28 18 26 26 17 21 16 16 24	16 24 19 26 28 17 21 16 16 23	15 21 19 27 30 18 22 16 17 24	14 21 26 24 38 18 24 16 17	15 30 33 23 25 18 22 16 16 25	18 36 40 22 18 17 21 16 16 23	37 41 48 26 18 18 19 16 15	17 32 30 39 32 20 16 16
31	24	20	17	19	22	19	16	16	17	16	16	1.7	18	18	18	18	19	19	17	17	16	16	15	15	18
MEAN	23	23	21	22	21	22	25	27	23	21	20	19	18	18	18	19	19	19	20	20	20	20	21	22	21

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO DAMST NO 31001

FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT OF DATA VALID

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION 24 - HOUR MAXIMUM MAXIMUM READING DAYS OF VALID DATA AVERAGE CONC. MONTH JAN FFB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - TOTAL HYDROCARBONS UNIT - PARTS PER TEN MILLION STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 TOTAL 61 TO 90 91 - 140 141-200 2018OVER JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

12.3 15.1 17.2

CONCENTRATIONS

20.8 27.3

30.7

35.4

ARITH MEAN

19.2

MAX

39.3

FREQUENCY DISTRIBUTION, PERCENT

UNITS - PARTS PER TEN MILLION STATION - COLLEGE 1ST FL S TORONTO CAMST NO 31081 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 12 1 1 7 6 8 7 8 5 7 7 7 7 8 6 7 7 7 7 6 1 1 6 6 6 6 1 1 5 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30 12 13 10 17 14 13 18 12 13 9 16 15 13 16 24 10 12 8 16 16 13 15 23 9 12 8 17 17 13 15 21 12 5 9 1 1 8 1 7 1 6 1 3 1 6 2 4 1 2 9 10 17 15 13 18 23 12 9 10 8 17 16 14 18 20 12 12 9 20 17 15 21 17 11 10 9 18 16 16 19 20 13 13 10 23 17 16 25 21 4 14 11 12 15 16 26 18 13 16 10 12 19 17 27 20 18 13 14 9 11 18 18 26 20 17 11 9 11 15 17 24 17 12 9 11 15 15 17 23 15 24 12 22 15 14 20 25 16 12 9 11 15 16 25 17 15 12 12 14 15 15 15 12 9 11 15 15 20 26 15 12 11 10 17 16 18 20 19 13 10 9 20 16 17 24 21 12 11 19 19 16 18 18 14 10 16 16 17 19 16 DATA MISSING -15 13 18 32 13 13 18 22 12 13 18 18 13 13 19 20 11 \*\*\*\* 12 \*\*\*\* 14 13 22 \*\*\*\* 23 24 11 15 21 24 12 13 19 24 11 15 19 20 12 22 16 11 13 14 13 12 13 13 14 DATA MISSING DATA MISSING DATA MISSING DATA MISSING - DATA MISSING -MEAN 12 13 

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PERCENTAGE OF DATA VALID 5.8

PERCENTAGE OF DATA VALID

POLLUTANT - TOTAL HYDROCARBONS

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	STA	TION	- COL	LEGE	1ST F	LST	ORONT	O OAMS	ST NO	3108	31		M	ONTH F	EB	73										
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9 10	18	16	16	15	1.5	15	1.6	17	18	16	16	16	15	14	14	17	15	18 16	16 16	17 17	17 16	17 16	16 18	16 17	16	
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLI	UTAN1	r - T0	TAL H	IYDROC	CARBON	NS.						U	NITS -	PART:	S PER	TEN	MILLI	ON						
	STAT	TION -	COLL	EGE 1	ST FL	. s to	PONTO	OAMS	T NO	3108	1		M	ONTH M	AR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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MEAN	22		22	22	22	21	22	24	25	23	24	23	21	21	22	23	23	22	21	21	22	22	22	23	22

PERCENTAGE OF DATA VALID - 57

						ONTA	PIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	IS						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	COLL	EGE 1	ST FL	. s TO	RONTO	OAMS	T NO	3108	1		MO	NTH A	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
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MEAN	21	20	20	20	20	20	20	20	20	20	21	21	21	21	21	22	21	22	20	20	21	21	21	21	21

UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROGARBONS STATION - COLLEGE 1ST FL S TORONTO DAMST NO 31081 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 24 22 22 32 20 21 37 19 21 33 19 20 27 19 20 34 19 20 39 19 21 33 20 21 25 21 22 26 22 22 24 22 22 23 21 23 22 22 22 22 23 23 22 25 20 22 DATA DATA MISSING MISSING 28 27 31 28 27 30 34 36 33 32 30 30 29 30 28 27 29 28 33 26 37 38 37 27 35 29 33 26 26 32 28 35 33 36 32 36 35 39 38 41 39 42 39 37 84 36 51 33 35 33 25 26 26 27 26 23 20 19 20 24 26 12 13 14 15 16 17 18 19 20 29 26 28 22 28 20 25 30 28 26 28 30 20 19 20 28 33 27 26 28 38 20 19 20 29 33 27 26 28 30 19 19 19 19 34 27 26 28 26 20 19 23 32 2202228 27 27 32 19 23 21 22 23 27 27 27 32 23 19 21 25 27 27 33 24 22 18 22 21 24 27 26 32 21 18 20 24 26 26 31 20 23 18 20 21 25 27 26 31 26 22 17 19 25 26 27 31 24 20 18 18 21 24 25 27 23 21 20 21 18 20 24 25 27 22 20 21 20 20 20 20 24 25 27 21 19 20 19 20 20 24 25 27 18 18 19 21 19 22 23 26 27 19 18 21 19 25 22 28 18 17 20 18 23 28 17 18 17 20 19 28 23 26 28 18 17 18 21 31 23 26 29 21 21 18 18 22 31 23 27 28 22 22 17 18 22 31 23 20 20 18 20 24 25 33 28 30 MISSING MISSING MISSING MISSING MISSING 22 23 24 25 26 27 28 29 30 25 35 27 22 25 35 36 23 25 35 28 35 25 33 30 34 25 31 30 39 DATA DATA DATA DATA DATA 25 42 26 28 25 30 27 28 30 27 24 28 37 26 24 28 40 30 24 28 26 33 27 28 33 28 24 27 23 35 26 25 23 31 25 23 23 40 27 23 23 33 26 23 23 31 25 22 26 33 31 25 28 35 28 28 24 34 29 36 25 40 26 29 25 35 29 28 25 28 25 27 25 28 24 27 DATA MISSING

PERCENTAGE OF DATA VALID -7.0

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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POL	LUTANT	- TO	TAL H	YDROC	ARBON	IS						U	NITS -	PART	S PER	TEN N	MILLIC	N						
	STA	TION -	COLL	EGE 1	ST FL	S TO	RONTO	OAMST	NC.	3108	1		,M	L HTMC	UN	73									
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21 22 23 24 25 26 27 28 29 30	25 41 28 40 24 18 20 18	26 52 37 24 18 20	28 61 28 28 24 17 20 16	33 69 30 25 24 17 18 16	35 69 31 24 17 16	46 83 25 23 24 17 17	45 90 22 23 27 18 18 24	44 66 22 23 30 21 21 28	46 51 25 23 34 20 21 23	45 46 27 22 33 20 21 21	42 49 28 21 32 20 26	39 66 27 21 34 21 26 20		34 49 27 20 36 22 23 19 MISSI MISSI		37 34 29 20 26 22 24	3332022260	33 35 34 19 20 24 23 18	29 33 32 21 19 24 23	28 29 29 28 28 25 29 19	30 29 27 22 18 27 21	36 28 27 22 18 22 20 ***	39 26 28 24 18 20 20	39 24 29 24 18 21 18	36 48 28 24 25 21 19
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POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - COLLEGE 1ST FL S TORONTO DAMST NO 31081 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN MISSING MISSING 36 27 24 16 16 18 24 24 DATA DATA 37 28 24 15 29 27 16 18 18 22 27 33 18 26 17 15 15 34 28 32 24 17 16 24 38 27 30 18 17 17 23 30 29 22 18 16 18 23 23 20 19 16 17 24 22 28 20 17 16 15 23 28 20 15 17 14 20 16 27 20 16 19 15 20 16 24 18 16 20 17 20 15 23 17 19 22 16 21 17 19 21 18 20 14 19 17 17 20 20 15 19 17 19 20 17 21 15 28 20 19 18 16 19 22 19 16 23 18 15 21 18 18 21 16 13 21 16 18 15 15 11 24 14 19 15 16 11 21 14 20 16 16 11 21 16 20 19 14 12 22 17 21 20 15 14 26 17 23 18 15 18 32 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 18 15 16 22 15 21 32 19 23 18 14 18 17 15 17 31 32 22 17 18 15 28 16 17 24 41 28 16 25 15 15 23 26 30 44 29 17 20 16 17 20 22 26 29 23 18 14 16 15 22 33 25 23 16 17 16 26 15 16 29 37 23 19 22 18 21 23 21 29 38 30 15 22 14 14 24 26 28 33 24 16 22 14 16 17 24 22 25 22 17 23 15 16 18 23 24 30 22 17 20 15 16 19 24 24 21 22 17 25 15 16 23 25 21 22 17 19 15 13 27 21 22 20 19 16 20 16 33 15 17 26 49 23 18 26 16 16 31 28 33 41 31 16 23 14 17 19 25 26 28 26 19 21 15 16 23 25 32 32 17 21 15 15 22 20 23 21 22 16 19 15 14 20 21 20 20 20 18 20 16 13 21 23 25 21 21 17 19 17 13 25 22 28 24 20 16 18 14 22 24 24 24 17 17 19 15 20 25 22 24 19 16 22 14 25 27 25 24 18 21 22 18 22 15 17 15 19 18 20 18 25 16 18 14 28 17 19 20 21 24 17 18 27 21 24 19 20 18 15 24 19 21 21 24 22 19 17 15 22 19 21 18 24 16 17 14 18 18 18 20 20 24 16 17 19 20 24 15 19 23 22 24 31 19 18 19 26 25 27 34 23 15 15 30 18 22 25 22 26 22 15 14 21 17 27 23 26 27 22 16 14 20 17 21 22 24 27 21 16 14 21 19 23 25 21 17 15 19 20 25 24 22 18 17 13 18 24 23 27 22 18 15 14 18 22 21 26 18 19 16 14 22 19 21 18 27 17 19 18 15 24 19 18 18 25 17 18 16 16 20 24 19 18 25 17 19 18 18 17 19 19 31 18 19 18 18 20 23 21 18 21 17 19 17 19 17 28 17 18 16 16 20 22 19 18 25 17 19 16 17 20 25 18 19 28 17 19 18 20 18 

PERCENTAGE OF DATA VALID -

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	POLI	UTANT	- TC	TAL F	IYDROC	ARBON	S						U	NITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	COLL	EGE 1	ST FL	S TO	RONTO	OAMS	T NO	3108	1		MC	ONTH A	UG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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7 8 9	· · • • 5	5	6	7	8	9	11	1.5	14	14 14	12	12	DATA	MISSI MISSI MISSI 13	NG -	13	10	12	13 7	10	8 9	9 11	9 15	7 14	* * * * *
11 12 13 14 15 16 17 18 19 20	14 13 12 17 9 15 25 19 22 22	12 14 12 15 9 15 25 17 19 27	16 15 13 52 9 16 27 16 17 29	17 11 12 30 10 18 25 15 16 23	14 7 12 26 10 20 23 14 16 25	16 8 14 25 11 23 25 14 16 25	16 8 17 31 13 27 26 15 19 28	18 8 19 17 32 38 16 19 39	1 4 8 1 8 3 0 1 5 3 5 2 0 1 6 1 9 5 3	14 8 16 18 15 26 14 17 19 31	11 9 19 17 14 26 18 19 19	11 9 20 13 15 25 17 18 18 31	10 11 15 12 12 20 18 16 18 33	10 11 16 12 15 21 19 17 18 28	10 16 11 19 19 18 16 18 27	11 8 17 16 18 23 20 17 19	11 8 14 11 20 22 14 17 20 25	12 8 13 11 17 20 13 17 22 25	12 9 14 12 16 21 14 18 22 23	11 9 13 12 16 22 15 19 24 23	11 14 13 19 22 16 19 23 24	11 10 15 15 18 22 17 19 22 23	13 19 10 15 20 15 21 22 23	15 12 21 9 16 24 14 22 23 23	13 10 15 18 15 22 20 17 20 28
21 22 23 24 25 26 27 28 29	24 17 26 25 31 36 42 33 39 35	24 18 27 23 37 37 43 36 34 35	24 18 27 23 38 36 40 31 34 34	24 19 28 24 38 36 40 27 34 34	25 19 31 24 32 34 39 26 33 34	26 21 42 26 31 34 38 28 35 36	28 23 52 27 32 37 42 30 39 40	29 23 55 32 33 37 48 34 43	15 21 44 37 34 37 46 32 41 43	13 20 38 30 35 38 47 30 41	13 20 33 31 30 37 44 30 38	13 19 32 29 36 35 29 35	12 19 29 28 36 30 29 33 34	13 19 28 28 29 36 34 28 33 37	13 29 30 29 35 31 27 34 37	15 21 24 29 30 35 32 28 31 39	14 20 23 26 31 34 31 26 30 35	13 19 22 27 31 36 30 24 33 34	13 20 23 27 32 41 30 26 36 36	14 22 24 29 33 38 29 28 34 38	15 22 26 31 32 38 39 29 35	15 23 29 32 37 38 37 29 35 44	17 24 32 30 37 43 37 40 37 38	17 26 28 29 36 42 36 35 39	18 21 31 28 33 37 37 30 35 38
31 MEAN	39 23	37 23	33 24	3 <b>4</b> 23	35 22	37 24	39 27	<b>4</b> 2	40 28	41 25	44 24	42 23	40 22	33 22	40 22	29 22	23 20	22 20	22 21	28 21	28 23	27 23	26 24	24 23	34 23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLI	UTANI	- TO	TAL H	YDROC	CARBO	NS						U	NITS -	PAR	TS PEF	TEN	MILL	ON						
	STAT	ION -	COLL	EGE 1	ST FL	. S T	ORONTO	OAMS	T NO	3108	31		MC	N HTMC	VOV	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	16 15 14 16 16 18 22 20	16 16 15 14 16 18 18 20 19 21	16 16 15 14 16 18 18 20 19 21	15 18 15 14 16 19 18 20 19 21	15 18 15 14 16 19 18 20 19 21	15 19 14 14 17 19 18 21 19 22	16 19 15 15 17 18 19 21 19 22	16 25 17 16 19 19 22 22 20 24	17 24 16 16 20 20 22 23 21 25	17 24 16 17 18 20 23 23 24	16 22 16 16 19 20 21 24 23 24	16 26 16 16 19 20 21 23 22 25	16 21 14 15 16 18 22 19 23 20	16 21 14 15 27 18 22 20 23 20	15 23 14 15 49 19 22 20 23 20	17 **** 14 16 25 19 23 21 23 22	17 19 15 16 19 19 23 21 24 23	18 18 15 16 20 20 26 22 24 23	18 19 15 16 21 20 26 22 24 22	18 16 18 17 21 21 28 22 23	18 17 18 17 19 21 28 21 23	18 17 16 17 21 21 31 21 23 22	18 17 16 17 21 21 30 21 24 22	18 18 17 17 21 21 24 21 24 23	17 20 15 16 20 19 23 21 22
1 1 1 2 1 3	21 22 17	21 22 17	21 22	21 22	22 22	22 22	22 22	23 23	24 25	24	25 18	25 17	21 16	21 17	21 18	23 18	22 18	22 17	23 17	23 18	23 18	23 19	24 18	24 19	23 20
14 15 16 17 18 19 20	20 23 25 23 38	18 23 26 23 36	18 23 25 23 35	18 23 25 23 34	18 22 24 23 32	18 21 23 23 28	18 21 22 24 26	21 24 22 26 29	23 24 21 27 29	22 22 21 26 27	21 21 21 25 24	20 21 21 25 21	22 21 21 26 21	22 21 21 21 27 21	22 22 21 29 22	21 24 22 21 30 22	27 26 23 24 34 24	22 25 22 24 31 23	21 29 22 23 29 21	21 23 23 23 30 21	20 21 23 23 32 21	20 21 25 23 28 21	20 21 25 22 36 20	22 23 25 22 42 21	21 23 23 28 26
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MEAN	21	21	21	21	20	20	20	22	23	23	22	22	21	24	24	24	23	24	24	23	22	22	23	23	22

PERCENTAGE OF DATA VALID - 87

						ONTA	ARIO	MINIS.	<b>TRY</b>	OF '	THE E	NV I R	DNMEN.	T - AI	R MA	ANAGE	MENT	BRANC	СН						
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21 22 23 24 25 26 27 28 29 30	14 15 15 19 17 19 19 20 21	14 15 15 18 17 19 19 20 21	14 14 15 18 17 19 19 20 21	14 14 15 18 17 19 19	14 14 16 18 18 19 19 18 21	14 14 16 18 20 19 20 18 21	15 16 18 20 21 22 18 21	15 16 17 20 23 24 27 18 22	15 17 17 20 21 24 34 20 22	16 18 17 20 20 24 74 19 22	16 19 16 21 22 24 87 19 21	17 18 15 20 19 31 35 21	17 17 15 22 19 25 26 21 13 DATA	18 17 15 21 22 29 34 21 10 MISSI	17 16 17 23 27 29 37 29	16 17 17 20 24 28 32 22	16 17 18 19 22 27 23 24	15 17 17 19 26 25 22	14 16 17 18 24 23 22 21	14 15 17 18 22 23 22 21	14 15 17 17 18 22 22 20	15 16 18 17 18 21 22 20	14 16 18 17 18 20 23 21	15 16 19 17 19 20 22 20	15 16 16 19 20 23 29 20
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MEAN	18	18	18	18	18	1.7	18	20	20	21	22	20	19	20	21	21	20	20	19	19	19	18	19	19	19

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - COLLEGE 1ST FL S TORONTO DAMST NO 31081

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	21	14	24	35
FEB	21	15	23	56
MAR	20	22	26	61
APR	28	21	27	40
MAY	23	26	35	84
JUN	14	27	48	90
JUL	29	21	32	50
AUG	28	23	38	55
SEP	26	24	40	64
OCT	31	23	51	117
NOV	29	22	33	63
DEC	28	19	29	87
YEAR	298	21	51	117

#### ONTARIO MINISTRY OF THE ENVIRONMENT AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

POLLUTANT - TOTAL HYDROCARBONS

UNIT - PARTS PER TEN MILLION

STATION -	COLLEGE 1	ST FL S TOP	RONTO OAMST	NO 31081					
	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	114	262	53	3	0	0	0	0	432
FEB	84	304	39	6	0	0	0	0	433
MAR	0	150	245	30	1	0	0	0	426
APR	0	314	298	18	0	O	0	O	630
MAY	0	56	371	95	1	0	0	0	523
JUN	0	3.3	190	70	7	0	0	0	300
JUL	0	356	294	37	0	0	0	0	687
AUG	44	231	206	158	0	0	0	0	639
SEP	0	158	323	99	7	0	0	0	581
OCT	0	337	277	85	12	3	0	0	714
NOV	0	191	401	36	1	0	0	0	629
DEC	1	417	218	9	2	O	0	0	647
YEAR	243	2809	2915	646	25	3	0	0	6641

#### FREQUENCY DISTRIBUTION BY PERCENTILES

PERCENT					CONCENT	RATIONS					
OF DATA				FREQUENCY	DISTRI	BUTION.	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
7.5	5	13 4	17 : 1	19.6	23 0	30.1	34.8	41.1	47.4	117	21.5

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH JAN HOUR DAY 1.3 1.5 24 MEAN 20 22 MISSING MISSING MISSING MISSING MISSING MISSING MISSING 18 31 18 24 19 24 20 23 20 23 19 24 16 26 17 30 21 34 19 26 20 22 24 25 2 3 4 5 6 7 8 9 DATA
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DATA DATA 14 18 17 18 19 14 20 16 MISSING 14 21 17 12 13 14 15 16 17 18 19 20 22 16 19 18 16 18 16 15 21 19 22 17 17 22 14 18 18 20 17 20 21 14 18 18 19 17 22 18 13 17 19 18 16 20 18 13 18 18 16 14 18 22 13 16 18 18 18 14 16 25 12 18 20 19 23 18 19 23 16 17 16 17 21 17 20 22 15 18 16 19 17 14 15 24 14 16 18 18 14 15 20 14 16 17 20 14 15 21 16 18 21 14 15 22 13 16 19 20 14 16 22 13 16 22 19 15 16 22 14 16 24 20 15 16 19 16 16 26 20 16 17 20 17 16 24 20 16 18 19 16 22 19 15 18 20 17 17 20 18 16 18 16 19 22 14 16 22 13 20 18 15 19 17 15 19 15 18 15 15 17 19 15 22 23 24 25 26 27 28 29 30 17 12 13 20 21 18 17 24 16 12 14 21 27 23 17 16 12 14 22 21 18 19 22 16 13 14 21 29 21 17 19 22 16 13 14 21 27 19 16 18 22 16 13 16 21 33 18 15 17 18 14 20 22 41 17 14 19 18 19 14 20 24 58 20 15 22 19 14 20 22 47 20 17 22 44 18 14 20 21 26 20 18 23 24 18 15 19 19 22 19 18 21 22 17 15 18 20 20 19 22 21 16 24 22 25 22 24 16 15 25 19 25 20 21 26 20 17 14 21 21 19 17 24 18 24 13 20 21 18 16 22 25 13 20 22 21 17 17 22 18 17 14 18 21 27 20 18 21 21 17 12 13 20 22 22 18 18 22 17 15 19 19 20 19 23 20 17 15 18 19 19 20 20 23 21 17 15 20 24 21 19 21 23 22 14 15 21 19 20 19 28 20 20 13 20 21 18 16 24 19 17 13 19 19 21 17 17 23 1.8 MEAN 1.8 1.8 1.8 1.8 

PERCENTAGE OF DATA VALID -

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION																								
	POLL	UTANT	- TO	TAL H	HYDRO	CARBON	IS						UN	ITS	PAR	TS PEF	TEN	MILLI	ON						
	STAT	ION -	PHAR	MACY	AND	401 TC	RONTO	>	NO	3300	2		MO	NTH F	EB	73									
HOUR	1.	2	3	4	5	6	7	В	9	10	11	12	13	14	15	1.6	1.7	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4	24 18 10 13	26 17 11 12	25 17 13 12	23 16 11 10	22 16 10	20 14 9	19 13 8	20 12 8	23 12 8	26 14 9	25 17 10	27 16 10	25 13 12	26 16 14	24 18 13	24 19 12	21 21 12	21 26 14	21 34 13	20 40 12	20 41 14	20 33 15	19 27 15	19 15 14	23 20 12
6 7 8 9	15 14 11 16 19	15 14 12 16 18	14 14 11 15	15 14 11 16 17	15 14 12 16 16	15 14 12 17 15	16 15 14 21 17	20 18 15 29 18	17 20 14 27 19	17 20 14 24 19	17 17 12 21 19	16 14 12 19	14 14 12 17 18	13 13 14 17	14 15 15 17	15 16 16 19 20	15 17 20 19 20	14 15 19 21 20	13 16 18 21 21	16 17 18 19 22	16 16 18 18 22	1.4 1.8 1.8 1.8 2.0	14 16 18 18 20	14 13 18 18 24	15 16 15 19
11 12 13 14 15 16 17 18 19 20	22 19 24 28 10 16 23 17 15	22 19 22 26 9 16 21 17 15 13	22 18 20 28 9 17 18 17 14	20 18 20 30 8 17 18 17 13	20 19 19 28 8 18 23 18 13	20 19 20 24 8 18 22 20 13	19 20 23 21 11 19 20 21 14	20 25 28 27 15 21 21 21 13	20 26 34 23 14 21 20 21 18	20 23 28 19 12 20 21 22 17	23 23 15 11 21 20 21 14	23 22 15 10 22 21 20 14	23 24 15 12 22 20 18 14	24 23 22 15 13 23 20 18 14 18	23 22 22 15 14 23 19 14 14 22	23 22 28 16 15 24 19 14 17	24 23 26 16 17 24 18 14 16 22	24 23 26 15 15 25 17 14 18 22	26 24 25 14 14 24 22 14 19	24 27 24 15 22 15 22 15 17 20	23 27 31 12 13 24 22 17 19	22 24 38 12 13 25 17 16 18	21 24 38 14 14 26 16 16 18	20 24 35 16 24 16 16 22	22 22 26 19 12 21 20 15 18
21 22 23 24 25 26 27 28	16 13 22 18 21 17 18	16 13 21 16 22 17 18	16 13 20 15 20 16 18	17 14 17 16 19 16 18 15	21 14 16 16 19 16 16	20 13 16 17 19 16 16	19 14 17 18 18 19 15	20 18 20 18 18 28 20 23	22 21 24 20 19 28 29	26 18 22 19 19 22 19 30	20 17 19 19 18 18 18	18 16 18 17 16 20 25	18 16 18 19 17 18 25	16 16 17 18 19 17 16 22	17 16 18 18 20 17 16 22	18 18 16 19 20 18 18	25 20 22 18 19 19	20 25 20 20 19 23 16 20	25 22 19 20 18 20 18 20	21 19 21 18 19 18	18 24 18 21 18 18 18	16 26 18 20 19 18 16 24	15 28 16 21 17 18 16 21	15 26 16 21 16 17 15 22	19 18 19 19 19 19
MEAN	1.7	1.7	1.7	16	1.7	16	17	20	21	20	19	18	18	18	18	1.8	19	20	20	20	20	20	19	19	18

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 24 17 23 17 18 20 17 30 18 27 17 27 16 18 18 18 29 18 29 17 31 16 18 17 23 16 33 16 35 18 17 17 23 26 17 24 17 316 17 18 20 23 17 26 16 27 18 18 22 16 23 18 18 22 24 18 22 20 20 21 7 18 20 20 19 17 18 19 21 18 17 22 18 20 18 17 22 18 18 22 18 24 18 18 20 18 16 21 22 26 18 18 19 16 16 19 21 20 24 19 17 20 16 17 19 24 19 24 20 16 19 16 17 18 22 17 24 18 19 16 18 19 17 27 18 16 18 17 18 18 22 19 39 16 32 17 26 17 19 19 24 28 16 24 17 18 19 22 19 19 18 21 16 18 24 19 17 18 18 23 17 21 19 20 19 23 21 30 17 24 18 24 19 25 23 18 18 24 18 19 17 16 18 17 26 17 17 17 20 23 17 17 17 21 20 23 26 19 20 17 19 19 20 19 31 18 14 16 24 16 24 19 18 17 22 12 17 24 23 26 16 20 21 20 20 19 20 28 16 21 21 24 14 18 20 24 18 19 20 21 12 13 14 15 16 17 18 19 20 12 15 20 16 20 18 17 22 13 16 22 16 21 18 17 19 14 15 20 16 21 16 17 19 1916 2157 1718 12 14 19 16 22 16 18 17 18 10 15 19 17 25 17 18 19 20 12 19 19 31 17 18 22 23 14 22 22 30 19 18 22 22 15 20 24 23 27 18 20 21 22 12 17 21 22 24 18 19 20 12 16 20 22 26 19 20 18 13 17 20 19 26 21 21 18 13 18 20 18 24 22 21 20 18 14 18 21 16 23 19 21 20 17 17 19 20 21 23 17 20 20 24 17 19 20 22 23 18 20 19 24 16 20 18 21 21 17 19 19 16 20 17 22 20 16 19 20 21 17 20 17 23 20 15 18 20 22 17 25 17 22 20 16 18 23 22 20 28 16 21 21 22 22 23 24 25 26 27 28 29 30 17 24 31 29 16 19 22 30 14 16 24 30 26 19 19 26 14 16 25 30 20 15 19 19 16 23 18 13 18 21 12 15 17 26 20 13 18 19 20 12 14 17 27 22 14 19 19 21 14 19 28 22 18 24 18 15 17 24 28 21 22 26 18 18 22 28 18 20 24 19 22 20 20 22 18 16 21 16 20 16 19 19 15 22 14 15 18 16 22 19 19 15 22 13 15 21 22 19 20 15 19 13 13 20 22 19 20 15 17 16 13 21 22 21 19 15 17 14 12 16 24 24 24 18 19 14 16 22 23 26 24 20 19 16 14 15 21 22 27 26 20 20 15 16 17 20 21 31 34 17 20 19 15 16 21 24 31 32 18 19 21 16 22 20 24 27 20 17 20 17 17 17 29 30 17 21 16 14 17 22 18026 18122 30 32 36 19 18 24 19 14 23 MEAN 

PERCENTAGE OF DATA VALID - 99

PERCENTAGE OF DATA VALID

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	POLL	UTAN'	T - TC	TAL H	HYDROC	ARBON	IS						U	NITS -	PART	TS PER	R TEN	MILL	ION						
	STAT	ION	- PHAF	RMACY	AND 4	01 TC	RONTO		NC	3300	)2		MC	NTH A	<b>IPR</b>	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	1.8	19	20	21	22	23	24	MEAN
1 2 3 4 5	14 7 20 10 18 21	14 7 18 10 16	13 7 **** 14 10 15 18	13 7 ***** 14 10 15	13 7 19 10 16	13 8 17 11 14 17	13 12 16 12 16 18	12 16 18 18 18	12 15 19 19 15	12 10 16 13 16	11 10 0000 14 13 14	11 9 14 14 14 18	11 7 16 14 14	10 14 14 14 17	10 22 12 15 17	10 23 14 16	10 27 17 18 22	10 27 16 18	10 26 14 17 18	10 22 13 17 22	10 21 12 18 22	10 **** 19 12 22 24	18 11 21 22	7 19 11 20 21	11 **** 15 15 18
8 9 10	20 18 17	18 18 16	16 19 15	16 19 16	15 20 15	15 19 15	15 22 15	16 23 18	19 16 21 16	17 20 14	18 18 19 13	17	17 18 19 19	17 17 19 18	18 19 17	18 18 19 18	18 18 19 18	19 18 19 18	20 19 19	24 19 18 17	22 20 17 15	20 17 16	20 20 17 16	19 17 16	19 18 19 16
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MEAN	1.8	18	17	18	1.8	18	19	20	19	18	17	16	16	1.7	17	17	18	18	18	19	19	19	19	19	18

	POL	LUTAN'	T - TO	TAL I	HYDRO	CARBO	NS						U	NITS -	PAR	TS PER	R TEN	MILLI	ON						
	STA	TION	- PHAI	RMACY	AND	401 T	DRONT	)	N	330	02		M	ONTH M	AY	73									
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17	20	20	21	22	22	23	24 22 21 27 27	24 20 26 26	23	22	22	23	23	23	25	25	25	25	24	19 26	22 20 25 22	23 20 25	20 21 25	21 24	20 22 20 19 24
18 19	24	22	22	21	22	23	27	26	24	22	22	21	20	22	24	22	21	20	24	21	22	26	. 22	23	23
20	21	21	20	24	25	24	24	22	22	20	20	19	DATA	MISSI	20 NG -	20	20	20	18	18	20				21
21 22	****								0000	0000	0000	9000	DAIA	MISSI 19	NG -	17	16	16	17	19	23	24	21	20	
23	17	16	16	16	16	19	19	18	17	16	14	13	13	13	16	16	15	15	14	17	23 19	24 18	17	16	16
24	17	16 20	16 19	16 20	16 20	20	23 22	22 23	20 22	20 22	20	20 22	21 22	21 16	21 16	21 16	16	16	22 16	16	22 16	16	22 16	21 15	20 19
25 26 27	14	13	12	12	12	12			0000	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000					0000	****
27														MISSI											
28 29	0000		0 0 0 0		0000	* * * *							DATA	MISSI 16	NG -	16	17	15	15	15	15	15	14	12	
30	1.1	11	11	1.1	12	14	19	21	18	15	16	0.0 5.0	000	17	15	14	13	15 12	15 12	14	15 19	15 16	14	17	15
31	17	19	18	16	17	17	20	18	16	13	11	11	10	10	10	10	11	10	12	12	13	14	11	0000	14
MEAN	18	1.7	17	17	17	18	21	20	19	18	17	17	1.7	1.7	17	17	17	17	17	17	19	19	18	18	18

PERCENTAGE OF DATA VALID - 78

						ONTA	ARIO	MINIS	TRY	OF T	HE E	NVIR	DNMEN	T - AI	R MA	ANAGEM	ENT	BRANC	н						
	POLL	JTANT	- TC	TAL +	1YDROC	ARBON	VS.						U	NITS -	PAR1	TS PER	TEN	MILLI	ON						
	STAT	ION -	PHAR	MACY	AND 4	01 TC	RONTO	)	NO	3300	2		M	ONTH J	UN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	15 16 9 12 6 12 13	15 16 9 10 7 7 14 13	16 14 10 11 6 9 13 12	16 14 10 11 6 8 12 12	17 14 10 10 7 7 11 12	18 13 12 13 8 10 13 12 13	18 13 14 14 11 11 15 12	17 9 13 13 13 14 12 15	16 8 11 12 12 13 12	16 8 8 10 11 10 11 12 14	16 77 58 8 10 8 12 15	16 7 5 8 7 9 7	15 7 5 7 6 9 8 13	17 15 7 4 8 8 8 8 13	16 15 7 7 8 13 15 14 12	18 15 7 10 6 11 14 13	18 16 9 9 6 7 10 13 13	15 16 9 7 8 10 12 14 15	16 16 9 9 7 11 13 14 15	16 16 9 17 10 10 11 15 15	16 15 10 12 9 12 11 15 18	16 18 10 12 8 9 12 13 14 18	16 17 9 12 7 10 12 14 15	16 17 8 15 6 7 12 14 15 16	16 10 10 9 8 10 13 13
11 12 13 14 15 16 17 18 19 20	17	17	15	16	20	23	23	19	16	1.4	17		DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG -	0.00	a o <b>é</b> á	****			***			• • • •	****
21 22 23 24 25 26 27 28 29													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
MEAN	12	12	12	12	12	14	15	14	13	11	11	10	10	11	11	11	11	12	12	14	13	13	13	13	12

UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROCARBONS STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH JUL 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 DATA MISSING 12 13 14 15 16 17 18 19 20 16 18 16 14 14 14 12 12 16 16 14 15 15 15 14 14 18 12 15 16 15 14 13 16 13 15 15 15 15 18 14 16 13 15 16 19 17 16 14 12 16 16 16 21 21 15 16 12 17 14 16 16 28 31 17 10 17 15 16 14 16 14 12 12 17 14 15 15 15 15 13 12 13 20 16 15 14 16 14 15 12 16 16 15 17 19 17 17 16 16 14 14 15 12 20 14 14 16 16 28 25 16 12 16 19 14 24 25 20 11 12 18 14 17 13 19 22 20 15 16 14 15 16 23 25 21 20 16 16 13 20 27 28 32 20 17 16 12 20 22 23 23 19 16 15 14 16 16 15 19 15 17 15 14 17 12 16 14 22 15 14 14 14 12 13 16 18 13 21 13 21 25 18 12 21 14 20 12 20 21 20 12 20 13 17 12 18 20 22 14 14 20 13 22 22 20 11 14 19 15 15 8 10 12 17 11 12 13 13 12 11 8 13 12 15 9 11 10 10 10 7 12 21 12 16 16 12 10 8 11 12 19 12 22 23 24 25 26 27 28 29 30 10 15 18 14 11 18 18 16 13 12 23 10 11 11 12 17 5 11 11 21 10 10 10 12 4 12 8 9 9 13 10 10 9 10 14 11 12 8 9 11 10 8 9 13 12 11 9 11 10 9 10 12 10 9 11 10 8 11 11 12 11 11 10 8 13 12 12 9 11 10 8 8 10 14 12 11 12 12 11 10 9 10 14 14 16 24 18 14 12 7 10 13 18 20 19 16 14 7 10 12 16 11 14 12 16 15 14 6 11 11 15 12 12 14 11 14 6 12 14 12 12 12 12 10 19 11 14 12 16 20 6 12 11 18 13 11 14 12 14 12 11 15 20 10 9 11 8 13 12 10 17 

PERCENTAGE OF DATA VALID -

MEAN

						ONTA	ARIO	MINIS	TRY	OF T	THE E	ENVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	Н						
	POLL	UTANT	- TO	TAL F	YDROC	ARBON	NS.						UN	IITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	PHAR	MACY	AND 4	01 TC	PONTO	)	NO	3300	2		MC	NTH A	UG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8	12 13 14 15 23 16 19 19	13 12 13 13 24 14 20 18	12 14 12 13 23 13 20 16 18	12 13 12 14 24 17 20 15	12 13 14 14 19 13 21 16	15 17 16 13 21 19 16 18	19 24 20 15 18 12 19 18	16 20 19 14 13 10 36 17	13 15 15 15 12 11 17 16 15	12 14 13 14 11 10 18 16	12 16 13 11 12 12 13 15	11 12 12 12 13 14 15 16	11 12 14 17 12 12 14 14	10 14 12 12 12 14 14	10 13 12 13 11 12 16 15	11 12 12 13 11 12 20 16 18	12 12 13 11 12 16 16 23	11 12 12 14 12 13 16 16 20	11 14 13 15 11 14 17 16 22	12 14 15 16 12 14 17 18 24	14 18 13 18 13 14 15 16	16 15 18 13 15 15 19	15 16 14 24 17 18 17	14 14 16 24 16 19 19 20	135 145 155 138 168 188
10	13	12	12	12	11	12	13	15	13	11	11	10	10	10	10	10	13	14	16 15	16 11	14	14 11	17 14	21 12	13
11	21 15	1 8 1 4	14	13 12	12	12 12	12	11	10	10	10	9 12	12	9 12 MISSI	10	10	10	11	11	14	11	0000			12
13 14 15 16 17 18 19	6 6 12 7 11 15	7 8 12 6 10	7 8 12 4 9	7 9 12 5 7	7 10 12 5 6	10 15 13 7 8	11 22 20 12 8 20	11 18 19 8 9	10 10 12 7 11 12	**** 6 9 7 7 7 10 10	9 6 7 6 9	8 6 6 9 9	8 6 5 6 8 8	8 6 4 6 8 7	7 8 6 4 6 8 7	6 11 6 4 7 8	6 10 7 4 7 8 10	7 7 7 6 8 8	9 7 14 7 10 9	11 8 12 10 10 10	12 10 11 9 9	11 8 14 10 11 12 8	8 20 8 11 15	7 7 15 6 12 18	8 10 9 8 10
21 22 23 24 25 26 27 28 29 30	8 6 8 9 6 6 14 18 6 4	10 6 9 10 6 8 14 8 8	10 7 8 10 6 7 14 3 7	7 7 9 9 4 5 8 4 9 3	8 10 11 8 3 4 9 6 6 5	10 13 20 13 5 4 13 11 87	14 14 32 13 6 4 10 13 11 8	13 12 23 12 4 3 12 11 9	13 12 22 8 2 3 9 9 6 8	132 148 1399 55	12 12 14 0 3 9	12 12 11 8 0 4 10 8 5 4	14 11 10 7 0 4 7 6 4	13 10 11 60 33 66 33 4	12 11 15 03 56 65 6	11 12 12 5 1 4 9 10 8	8 10 12 52 5 10 9 6 11	8 9 10 4 2 7 10 6 3 10	7 10 12 3 3 11 12 6 3 11	7 11 12 4 4 11 10 7 4	8 9 13 4 12 8 8 4 20	7 12 4 7 12 10 66 18	6 9 11 3 8 13 12 5 4 16	6 8 1 0 7 1 1 5 4 1 4	10 10 13 7 3 6 10 8 6 8
31	11	10	7	5	6	10	1.0	8	10	8	7	6	10	6	6	6	7	8	10	13	11	8	7	8	8
MEAN	12	12	1.1	11	1.0	13	1.5	14	11	10	10	9	9	9	9	10	10	10	11	12	12	12	12	12	1.1

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH SEP 73																								
	STAT	ION -	PHAR	RMACY	AND 4	101 TO	DRONT	0	N	3300	02		M	ONTH S	EP	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	8 15 18 12 11 7 8 8 12	9 11 16 11 12 7 9 8 11	12 8 15 11 16 6 13 7 12 15	18 9 15 9 20 6 10 8 10	15 10 9 9 18 6 8 8 12 16	15 10 7 13 21 4 8 9 16	12 8 14 24 24 5 12 10 17 30	10 7 8 20 24 5 15 13 14 39	11 6 8 27 18 4 12 12 12 26	10 6 6 18 14 6 10 10 13	7 6 6 8 9 6 10 12 13	8 6 6 7 10 7 11 12 14	6 6 6 6 7 9 10 12 13	6 5 6 7 9 12 11 13	6 6 7 4 6 9 12 11 13 12	6 5 4 6 11 15 11 13	6 5 5 6 11 14 11 13	7 6 4 6 4 11 12 10 14	8 5 8 5 11 13 10 14 12	9 7 8 10 5 11 15 10 15	9 11 14 12 4 11 14 9 15	10 14 13 16 6 10 10 15	12 19 13 14 6 11 10 8 14 9	14 15 12 15 7 11 9 10 13	10 9 9 11 11 8 11 10 13
11 12 13 14 15 16			6			12	15	14	10	10	10	11	DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -	14	13 10	13	13 8	13 12	12 10	12	11	10	11
18 19 20	23 14	21 15	21 17	22	20	27 15	32 18	30 17	24 16	22 15	18 15	1 7 1 5	15 17	16 14 17	15 14 17	18 14 19	18 14 18	17 14 17	18 13 18	19 13 18	23 12 20	26 12 21	31 13 21	31 * 13 21	18 17
21 22 23 24 25 26 27 28 29	22 12 16 12 15 20 16 22 18	20 13 17 12 14 18 18 16	22 13 18 12 17 18 18 15	18 12 16 12 16 17 16 15	17 12 14 12 14 17 20 16 17	21 11 14 16 14 17 21 16 18	37 11 15 20 17 19 21 27 18	37 12 17 19 16 20 25 18	25 12 16 15 20 22 18	16 14 13 15 14 19 18 19	16 12 15 14 18 17 16 15	18 16 12 13 14 18 19 17 15	14 16 13 14 16 18 19 17	13 14 16 15 16 18 17 16 15	13 12 13 15 17 18 17 16 15	13 12 13 14 16 18 18 18	13 12 13 14 16 20 20 19 15	13 12 14 14 16 20 22 22 16	15 14 16 14 17 22 20 27 20 17	19 16 16 16 16 22 18 24 19 24	16 16 17 19 18 23 18 22 16 28	12 17 20 21 22 16 29 18 27	12 14 15 16 22 22 16 29 17 22	11 16 12 17 21 23 16 24 18	18 13 15 15 16 19 19 20 17
MEAN	14	14	14	14	1.3	1.5	1.8	18	16	14	12	1.3	12	12	12	1.3	13	13	14	15	15	15	16	15	14

PERCENTAGE OF DATA VALID - 79

						ONTAR	RIO I	MINIS	TRY	OF T	HE E	NVIRO	MENT	- AIF	A MA	NAGEM	ENT E	BRANCI	4						
	POLL	UTANT	- TOT	AL H	IYDROCA	RBONS	3						UN	ITS -	PART	S PER	TEN I	MILLI	NC						
	STAT	ION -	PHARM	ACY	AND 40	1 TOP	RONTO		NO	3300	2		MON	NTH O	CT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	1.7	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	17 15 18 16 17 18 22 17 18 26	16 14 19 14 16 20 17 18 24	16 15 16 13 11 18 18 16 17 24	16 13 15 13 11 17 18 15 16 21	18 14 16 15 12 19 17 15 17	21 13 17 20 14 24 17 16 24	27 15 19 23 17 26 16 17 30 32	22 15 20 26 17 22 16 17 31	16 14 16 28 20 21 16 17 22 31	14 14 17 22 16 18 16 16 20	15 14 14 24 16 16 15 16 18	14 14 16 16 16 15 16	14 15 16 14 16 15 16 16 16	14 15 16 14 17 15 15 15 16	14 16 16 15 19 16 15 16 15	14 16 20 16 23 16 16 16	14 15 16 17 22 16 15 16 18	15 16 15 16 21 26 15 16 19	14 16 17 15 24 19 15 21 26	17 15 18 13 21 20 16 22 34	18 18 18 14 20 20 18 19 37	16 19 21 14 19 21 18 22 32	16 18 19 14 17 26 19 24 30	15 17 20 15 16 22 17 22 17	16 15 17 17 17 19 17 18 22
11 12 13 14 15 16 17 18 19	15 22 18 13 13 18 17 18 21	14 19 18 13 16 18 16 18	14 18 18 13 14 18 17 19 21	15 18 17 13 13 18 17 21 23	17 20 16 12 14 18 17 16 21	23 22 16 12 21 21 18 17 27	25 30 17 13 22 23 26 22 37 18	24 28 17 14 22 25 26 24 40	20 25 16 14 19 21 22 23 28 17	17 21 16 14 18 18 20 21 29	16 19 16 14 14 18 20 20	16 18 15 15 19 18 20 19 15	16 20 16 15 18 18 20 19 15	16 18 15 14 18 18 20 19 16	16 18 14 14 20 19 22 20 17 16	18 20 14 14 26 23 23 24 18	19 19 15 13 25 24 24 24 21 6	19 22 13 14 23 21 21 24 20	26 25 13 14 22 21 21 24 17	21 28 12 14 20 19 20 24 21	22 25 12 14 22 18 19 25 14	20 26 12 14 21 18 19 23 13	24 30 13 14 20 18 20 22 14	23 24 13 14 19 18 18 22 16	19 22 15 14 19 20 20 21 21
21 22 23 24 25 26 27 28 29 30	17 24 28 40 24 20 17 19 18	17 29 31 35 25 18 17 19 18	17 33 30 34 24 16 16 18 18	17 28 32 34 25 17 16 17 18	16 26 31 35 25 17 16 18 18	19 34 36 40 32 20 18 18 18	21 46 50 64 37 28 19 18	21 58 58 76 39 29 20 18 21 22	18 40 50 66 36 24 20 18 21 22	16 42 45 48 27 22 20 19 20	15 37 40 42 20 22 21 19 20	16 25 33 29 19 21 21 19 20	16 21 24 24 18 19 20 19 20 18	16 20 23 24 18 20 21 20 20	16 17 23 24 19 23 21 20 24	16 19 23 25 20 26 22 20 22 24	18 25 26 22 24 22 22 28	20 27 28 23 25 21 24 20 22 26	22 32 24 24 37 21 24 20 23	29 27 26 26 37 19 22 18 18 23	28 35 38 24 33 20 20 19 23	40 51 38 24 20 21 19 19 23	31 41 42 25 18 20 22 19 18 23	24 28 41 24 19 17 21 19 18 21	20 32 34 35 26 21 20 19 19
31 MEAN	17 19	17 19	18 18	18 18	19 18	18 21	21 26	23 27	21 24	19 21	20 20	20 18	21 18	21 18	21 18	19	24 20	2 <b>4</b> 20	21 21	20 21	19 21	18 22	18 22	17 20	20 20

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - PHARMACY AND 401 TORONTO NO 33002

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	19	27	58
FEB	28	18	26	41
MAR	31	20	27	39
APR	30	18	27	39
MAY	27	18	24	27
JUN	11	12	16	23
JUL	21	14	19	32
AUG	30	11	18	36
SEP	25	14	20	39
ост	31	20	35	76
NOV	28	21	32	68
DEC	28	19	24	44
YEAR	313	17	35	76

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 UNIT - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS NO 33002 STATION - PHARMACY AND 401 TORONTO 00 TO 10 11 TO 19 20 TO 30 31 TO 60 61 TO 90 91 - 140 141-200 TOTAL 201&OVER JAN FEB MAR APR MAY JUN JUL 6 51 AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 PERCENT 10 30 MIN 10 30 50 70 90 0 10 2 14.6 17.0 19 1 23.0 VALID MAX 17.4 25 5 30 4 35 7

UNITS - PARTS PER TEN MILLION

STATION - LAWRENCE KENNEDY SCARROBOUGH MONTH JAN NO 33003 HOUR DAY 24 MEAN DATA MISSING 2 3 4 5 6 7 8 9 17 16 19 20 19 25 17 16 19 20 16 18 18 17 16 20 17 20 18 20 17 16 20 20 17 22 19 21 17 16 20 20 17 22 18 21 17 16 19 20 18 23 18 21 17 15 19 20 19 28 18 17 15 17 20 19 30 18 16 15 17 20 18 16 17 20 19 21 17 16 20 17 18 17 15 17 16 16 17 20 19 17 15 17 20 19 16 16 18 19 17 15 18 19 20 17 16 19 20 20 17 16 20 20 20 17 17 21 20 22 17 17 21 20 23 17 16 21 20 20 17 16 21 20 19 17 16 21 19 17 16 20 18 18 15 19 20 16 17 19 12 13 14 15 16 17 18 19 20 22 22 MISSING MISSING MISSING MISSING MISSING MISSING DATA DATA DATA DATA DATA DATA 23 20 18 22 18 20 19 23 18 20 22 23 24 25 26 27 28 29 30 22 19 23 23 21 22 27 29 17 21 18 17 21 20 16 18 19 18 23 17 20 17 22 31 25 22 23 32 17 19 17 23 35 29 22 23 32 18 20 18 24 24 22 27 27 17 23 21 26 71 24 22 31 33 17 22 20 24 40 23 22 17 23 18 42 21 22 27 29 17 18 17 25 39 25 22 26 32 17 19 17 24 37 25 22 27 32 18 22 20 26 48 24 22 29 28 18 24 22 26 57 24 22 34 32 20 20 18 21 18 22 17 23 39 26 22 24 32 21 24 26 22 28 29 20 45 21 21 22 22 23 27 29 22 25 27 30 22 24 22 24 22 25 22 24 22 24 22 24 23 23 27 30 23 23 27 29 29 0.500 

PERCENTAGE OF DATA VALID -

   PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - TOTAL HYDROCARBONS

						ONTAI	RIO N	MINIS.	TRY	OF TH	IE EN	NVIRC	NMEN.	T - A]	R MA	NAGEN	IENT	BRANC	H						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						U	NITS -	PART	S PEF	TEN	MILLI	ON						
	STAT	ION -	LAWR	ENCE	KENNE	OY SC	ARBOR	DUGH	NO	33003	3		M	ONTH F	EB	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	1.4	15	16	1.7	1.8	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	20															21 28 22 21 20 20 22 23 23 23									
11 12 13 14 15 16 17 18 19	22 20 33 40 18 19 22 24 22 23	22 29 33 18 19 22 4 23 23	22 20 29 35 18 18 22 24 22 23	22 20 28 42 18 18 22 41 23	22 20 27 39 18 18 23 24 21 23	22 20 29 31 18 18 22 24 21 24													20 23 28 17 20 23 26 22 26 24				20 29 45 19 19 22 23 22 24 23		21 22 31 24 19 21 23 24 26
21 22 23 24 25 26 27 28	22 21 25	27 20 26	23 20 24	25 19 24	23 19 23	21 19 23	21 21 25	24 26 33	23 26 31	23 22 26	23 21 24	-	DATA DATA DATA	18 20 22 MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -	19 21	24 21	25 24	23 23 * * * * *	20 26 *****	21 27	22 28	21 28	22 28	22 23
MEAN	23	22	22	22	22	22	22	25	25	23	22	2.1	21	21	22	22	23	24	24	25	24	24	23	24	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003 MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 24 21 22 22 25 22 21 23 23 24 21 22 24 27 23 21 23 21 21 21 22 29 21 23 20 23 22 21 23 29 22 21 23 20 23 22 21 24 30 22 21 21 23 22 22 25 31 21 22 23 22 21 24 34 21 22 35 23 22 21 24 37 21 21 23 21 18 20 21 20 23 21 34 21 21 21 28 42 21 21 37 21 21 22 27 33 21 21 42 21 20 22 25 30 21 21 37 21 20 22 25 31 21 21 32 21 21 22 30 28 21 21 21 22 22 39 26 21 21 30 21 24 22 41 24 21 21 23 21 22 21 26 21 22 21 22 21 22 20 24 20 22 20 23 21 18 20 20 20 21 22 21 18 22 20 21 22 21 27 21 22 26 26 22 23 21 18 20 20 20 24 20 22 18 19 19 18 17 20 20 19 20 19 19 19 17 17 22 26 21 20 24 19 17 20 23 23 24 23 20 25 19 17 20 23 21 24 19 20 21 18 18 21 21 12 13 14 15 16 17 18 19 20 28 20 23 19 21 19 17 17 22 23 19 18 18 17 22 19 22 18 19 17 17 19 19 21 19 19 17 17 20 21 20 19 22 18 17 18 20 22 21 19 22 19 17 18 21 22 21 20 19 21 19 17 19 19 20 21 19 17 19 20 20 20 19 20 18 20 20 20 20 20 19 20 26 18 21 31 20 20 20 18 20 20 18 25 23 18 20 25 21 20 18 23 18 21 25 22 22 19 18 22 18 20 24 21 23 19 18 21 21 18 20 23 22 19 19 20 18 20 22 23 18 19 21 19 18 20 23 26 19 20 20 18 18 21 23 21 24 19 21 18 18 23 22 22 20 19 21 20 18 19 22 18 20 31 22 23 24 25 26 27 28 29 30 22 24 18 19 19 12 11 15 25 24 25 18 19 20 12 11 13 23 23 25 18 24 25 18 19 14 12 19 25 25 17 20 13 12 13 24 28 18 20 13 12 15 20 27 31 21 22 14 11 16 21 31 19 22 17 11 15 22 27 32 18 24 24 13 14 21 26 38 20 24 24 15 20 30 45 19 23 19 21 15 22 27 38 20 23 18 27 27 34 19 22 18 17 25 30 19 23 18 13 27 26 19 22 17 14 27 24 19 22 16 12 24 24 19 23 16 12 15 25 23 19 24 16 12 15 31 23 20 23 15 14 21 26 23 19 22 13 13 22 26 21 19 20 12 12 21 19 19 12 12 18 22 20 18 19 12 18 22 18 19 19 11 12 28 22 20 20 14 14 18 12 MEAN 

PERCENTAGE OF DATA VALID - 94

						ONTA	RIO	MINIS	TRY	OF T	HE E	NVIR	NAMEN	T - A	IR M	IANAGEN	ENT	BRANC	Н						
	POLLL	JTANT	- TOT	AL H	YDROCA	ARBON	S						U	NITS	- PAR	TS PER	TEN	MILLI	ON						
	STATI	ON -	LAWRE	NCE/	KENNED	OY SC	ARBOR	OUGH	NC	3300	3		M	ONTH	APR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3	15	15	15	15	15	15	16	16	15	14	14	14		MISS MISS		13	13	13	13	13	13	13	13	14	14
4 5 6 7 8 9	15 18 31 15 14	14 17 18 14 14	13 16 16 14 13	13 16 15 13 13	13 17 15 13 14	13 16 15 13 14	15 18 15 13 14	19 20 14 13 14 21	17 19 14 13 14 18	15 17 14 13 13	15 17 14 13 13	15 16 13 13 13	15 16 14 13 13	14 16 14 14 13 20	17 14 14 14 13	15 15 13	17 16 18 15 15	17 16 20 15 16 13	17 16 20 15 18 14 21	16 18 22 15 18 14 18	16 21 23 18 18 14	16 24 25 18 17 13	17 25 19 17 15 13	17 ° 22 21 17 15 13	16 18 16 15 13
11 12 13 14 15 16 17 18 19	14 19 15 19 27 28 17 37 21	14 20 16 19 24 29 17 34 21	13 19 18 25 26 16 38 19	13 17 18 24 21 16 43 19	13 17 20 25 19 15 36 19	13 16 21 23 20 15 30 18 13	15 18 22 23 21 17 29 18 13	16 21 19 21 22 19 30 18 13	16 17 18 20 19 37 17	14 15 19 17 19 18 24 16	14 15 19 17 19 21 15 13	14 15 19 17 19 16 17	14 15 17 18 20 16 17 15	14 15 17 18 21 17 19 15	14 15 17 19 21 17 19 16	17 17 19 23 17 20 16	15 15 20 18 19 24 22 22 15	15 17 21 19 20 25 22 27 16	16 17 19 19 20 22 23	17 17 19 19 20 22 28	16 17 19 22 18 21 26	17 16 19 22 19 21 25 16	16 17 18 25 22 19 31 21 15	17 17 19 23 25 19 35 22 15	15 17 19 21 22 20 27 17
21 22 23 24 25 26 27 28 29 30	14 18 14 16 15 32 18 16 14 20	14 21 14 15 16 21 17 16 14 23	15 19 14 15 19 16 15 13 20	15 21 14 13 13 20 16 14 13 16	14 21 14 13 14 18 16 14 14	15 20 15 13 15 18 15 14 14	15 18 14 14 18 16 14 13 15	16 18 15 15 16 16 15 13 15	17 17 15 14 12 16 16 15 13 15	16 17 14 13 11 15 16 15 13 14	16 17 14 13 11 16 16 13 14	16 17 15 14 11 16 16 15 14 14	16 18 15 15 15 15 15 15 14 14	16 17 15 13 11 15 16 15 14 13	17 17 15 14 15 14 14 14 14	14 0 0 0 0 15 16 14 15 14	20 15 17 16 15 16 14 15 15	19 15 19 16 16 15 14 16 14	21 15 22 15 16 16 15 17 17	19 16 24 19 19 16 16 15 17 14	18 17 22 21 23 17 16 15 19	18 16 18 17 22 17 17 14 19	18 16 18 17 25 18 16 15 18	18 15 19 17 29 18 17 14 17	17 17 16 15 16 17 16 15 15
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UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - LAWRENCE KENNEDY SCARBOROUGH NO 33003 MONTH MAY 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 21 17 15 16 17 15 13 16 19 17 19 17 19 16 19 16 19 16 20 19 19 18 19 17 19 17 16 17 14 13 17 15 17 16 18 14 13 17 18 18 16 13 19 19 19 18 13 16 17 19 15 14 16 15 14 19 17 16 15 16 15 14 19 19 17 15 15 17 15 17 17 17 17 15 14 17 17 14 16 20 19 17 16 15 17 15 14 17 19 18 16 14 15 19 18 14 19 17 16 15 17 14 18 19 15 14 15 17 15 15 18 19 18 16 15 18 20 18 15 15 18 19 21 15 15 19 20 15 14 22 18 20 15 15 19 23 14 15 20 17 25 15 15 17 18 15 15 19 20 15 14 19 21 18 14 16 19 23 15 17 15 18 29 27 23 21 21 21 23 30 12 13 14 15 16 17 18 19 20 19 14 14 22 19 14 16 18 34 15 14 13 17 18 14 14 18 37 16 13 17 17 15 14 19 36 16 13 16 17 16 14 18 28 15 12 14 16 15 14 18 25 17 13 16 16 19 16 15 19 21 16 13 21 21 22 19 21 17 18 15 13 17 20 19 17 20 16 15 15 14 15 17 17 15 16 14 15 14 15 16 16 15 15 16 16 14 15 14 16 16 16 14 16 14 14 15 14 15 17 14 16 14 15 14 16 15 16 14 15 15 15 17 17 16 14 16 16 16 18 16 14 17 14 16 18 17 21 20 16 14 15 14 16 16 16 16 16 16 16 16 15 16 16 16 19 17 16 15 15 17 17 17 17 17 18 17 15 15 19 19 16 18 17 15 15 15 20 15 17 18 19 15 14 15 24 20 15 17 23 15 14 15 24 19 15 19 30 16 14 17 20 14 15 17 27 16 14 17 17 17 16 17 18 19 14 22 23 24 25 26 27 28 29 30 18 26 16 14 13 14 13 16 18 24 17 14 13 14 20 21 15 14 13 14 16 18 21 21 14 13 14 15 14 15 19 16 15 14 15 14 27 1514 1512 16 16 18 14 14 15 14 18 14 16 17 15 18 14 15 14 17 14 17 17 14 14 15 15 18 16 16 15 14 14 14 14 20 14 17 18 16 14 13 17 17 18 19 15 13 14 13 16 18 20 16 14 15 13 17 19 18 15 14 14 13 21 18 15 18 15 14 14 13 24 18 21 15 15 14 14 13 24 19 16 28 16 14 14 13 22 19 32 17 14 13 14 13 25 19 22 40 17 13 13 14 13 26 19 26 45 16 13 14 13 24 18 26 34 15 14 13 14 13 26 16 20 22 18 15 14 14 14 18 19 19 23 16 14 13 14 18 16 21 20 15 14 14 15 14 20 16 MEAN 1.7 1.7 

PERCENTAGE OF DATA VALID - 97

						ONTA	RIO (	MINIS.	TRY	OF T	HE E	NVIR	NMEN.	- AI	R MA	NAGEN	MENT	BRANC	Н						
	POLL	UTANT	- TO	TAL H	YDROCA	ARBON	S						10	VITS -	PART	S PEF	TEN	MILLI	ON						
	STAT	ION -	LAWR	ENCE /	KENNEI	OY SC	ARBOR	DUGH	NO	3300	3		MC	ONTH .	IUN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
DAY 1 2 3 4 5 6 7 8 9 10	21 39 23 20 19 17 17 17	23 17 23 21 17 16 16 18	23 17 23 22 16 18 17 15	26 16 24 22 16 17 17 16 17	26 15 22 17 16 16 16	31 15 22 26 22 18 19 20 19	29 15 20 31 25 22 22 17 20	25 15 19 31 27 22 20 15 16	22 15 18 29 19 19 18 20 15	21 15 18 26 18 21 19 15 15	14 18 23 14 17 20 19 15	16 14 19 21 14 17 18 17 15	16 15 19 15 16 17 16 14 13	16 15 19 16 17 17 16 14	16 15 19 19 17 19 17 16 14	18 15 19 20 20 19 18 17 14	19 16 20 20 19 18 17 14	18 16 20 19 19 20 17 18 14	20 16 20 19 21 22 18 19 15	22 16 21 25 22 23 18 19 16	20 17 21 25 21 20 18 17 20	18 20 21 25 18 22 15 17 16	18 21 20 19 18 22 16 17 16	29 22 19 20 17 22 19 18 16	21 17 20 23 19 19 18 18 16
11 12 13 14 15 16 17 18 19 20	21 18 14 14 21 13 15 14 18	19 15 13 14 21 13 16 14 18	17 15 12 13 20 13 16 14 17	20 17 12 13 20 13 16 14 17	25 15 14 14 21 13 16 14 17	23 17 17 16 19 14 15 17	29 230 200 18 22 15 17 18	28 18 15 16 17 18 16	20 17 15 13 15 34 14 17 18	21 17 14 14 13 29 14 15 17	24 17 14 136 136 15	20 18 14 15 12 21 13 16 16	20 15 14 13 19 16 15	16 16 14 12 21 13	16 15 14 12 18 13 15	19 16 17 13 17 14 15 18	19 15 15 12 15 14 14 15	19 14 16 12 15 14 15 15	17 16 20 12 14 14 15 14	21 15 20 12 15 14 15 14	20 17 19 12 15 14 16 14 23	17 16 23 12 15 14 17 14	15 15 28 13 16 13 18 14 25	16 14 25 12 15 14 17 14	18 15 17 15 18 14 15 16
21 22 23 24 25 26 27 28 29 30	28 27 27 19 22 17 15 16 23	30 32 24 19 28 19 14 15 16	30 28 25 19 20 18 14 16 13	32 30 19 16 20 17 15 17	31 42 18 15 25 15 21 15 14 28	31 48 17 17 23 15 22 14 16 22	36 39 17 16 24 15 23 18 17 23	28 33 16 16 17 15 24 16 14	25 32 16 16 17 15 17 15 13	26 26 17 15 14 14 16 14	24 23 18 14 15 15 14 18	21 20 16 15 13 15 16 13 14	22 19 16 14 13 16 17 13 14	22 19 16 14 13 16 13 14	19 17 16 15 13 16 17 14	21 19 16 15 14 18 21 16 17	18 22 18 15 14 19 21 22 17	19 17 18 16 14 19 21 24 18	26 19 20 16 15 21 16 18 18	28 21 24 16 15 21 15 18	34 25 20 18 15 17 15 17 19	38 21 19 21 16 19 14 17	33 21 19 23 15 17 14 19 23	28 23 22 21 14 17 15 17 24	27 26 19 17 17 17 17 16 16
MEAN	19	19	18	1.8	19	20	22	20	1.8	18	1.7	16	16	16	16	1.7	1.7	17	1.8	19	19	19	19	19	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	LAWR	ENCE/	KENNE	DY SC	ARBOR	OUGH	NC	3300	3		MC	ONTH J	UL	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	18 20 19 24 16 14 25 17 16	19 20 19 24 15 14 28 16 14	19 22 19 31 13 16 29 15 13	19 21 20 23 12 17 22 16 13	20 19 21 26 12 17 21 17 12	18 22 27 33 14 20 20 18 14	18 19 31 43 16 23 22 17 15	17 16 25 25 15 19 19 15 15	16 20 14 13 15 19 15	15 16 21 14 13 15 20 15 13	15 16 19 14 13 15 21 16 13	15 17 15 14 19 18 15 13	16 15 17 16 14 	16 18 16 14 17 17 14	16 17 19 18 16 18 17 14 14	16 17 19 22 17 17 17 15 15	16 17 20 16 17 17 15 16	16 18 21 21 15 17 18 15 15	16 18 24 19 15 19 16 18	18 18 23 19 18 19 17 19	19 19 20 20 17 21 19 17 19	16 19 19 22 17 26 20 21 17	17 18 19 17 26 19 21 16	21 17 21 18 15 25 19 18 15	17 18 21 22 15 19 20 16 15
11 12 13 14 15 16 17 18 19 20	14 15 15 20 17 25 23 19 23	13 13 14 23 16 26 25 62	13 14 16 21 14 57 23 45 20	14 16 14 22 15 25 28 34 18	13 17 14 21 16 21 34 27	14 17 14 24 19 24 38 32 23	16 17 15 18 19 25 29 33	16 18 14 13 15 21 20 26 22	14 17 13 13 15 15 28	14 16 13 12 14 14 14 33	14 19 14 13 14 14 13 23 22	14 19 14 13 14 13 21	14 14 20 14 15 14 19 21	14 14 16 16 14 14 18 21	14 14 20 14 15 16 14 15 19 22	14 15 22 14 14 16 15 17 21	16 15 23 15 14 16 15 16 21	16 16 22 15 15 16 15 17 22 25	16 18 21 16 16 17 16 18 23 25	16 17 21 17 17 17 17 19 23	15 16 19 15 17 18 20 18 26	15 17 17 15 18 21 24 17 25	15 17 17 17 17 26 24 19 24	15 16 17 22 16 28 24 19 23 16	15 18 15 17 17 21 20 27 21
21 22 23 24 25 26 27 28 29 30	16 21 16 34 14 13 13	15 18 15 31 14 15 14 12 14	14 18 14 26 14 13 10	14 16 15 15 14 14 13 10	14 15 16 13 16 14 15 10	15 14 17 14 22  15 14 10	15 14 16 14 26 16 14 10 25	14 13 15 13 *** 15 13 9	13 14 12 12 13 13 10 15	13 13 14 12 **** 13 13 10	13 13 13 13 13 13 13 10	13 13 14 13 13 13 13	14 14 14 16 16 14 13 11	14 14 15 15 16 14 13 11	15 14 	16 14 14 14 17 17 17 12 10	17 15 13 14 16 19 12 10 9	18 15 14 14 15 18 18 14 11 9	20 16 15 15 17 17 14 11	23 17 15 15 15 16 16 11 10	25 24 15 14 	25 36 15 15 15 14 16 14 11	22 30 20 16 *** 15 15 13 77 9	21 28 15 15 14 14 11 8	17 17 16 16 16 15 13 13
31	9	9	9	9	9	9	11	13	12	13	16	17	16	18	18	16	13	12	11	12	13	12	1.4	12	13
MEAN	18	19	19	17	17	19	20	17	15	15	15	15	15	15	16	16	16	16	17	17	18	18	21	18	17

PERCENTAGE OF DATA VALID 93

						ONTA	RIO	MINIS	STRY	OF T	HE E	NVIRO		- AI				BRANC							
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UN	ITS -			TEN	MILLI	ON						
	STAT	ION -	LAWR	ENCE /	KENNE	DY SC	ARBOR	ROUGH	NO	3300	3		MO	NTH A	UG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8	11 15 10 17 22 20 21 22	11 18 9 15 20 25 21 19	9 13 8 14 27 19 24 23 19	12 12 8 14 26 18 22 21	13 11 8 14 25 17 25 23 22	9 11 9 15 27 17 28 27 22	10 12 11 15 24 18 29 27 23	10 12 10 15 17 16 24 27 23	9 11 8 14 16 15 20 24 22	9 12 * * * * * 15 18 17 19 23 21 18	9 12 15 14 19 17 21 20 18	8 13 15 14 17 18 18 18	8 13 16 15 16 18 18 17	8 13 15 15 16 17 19 17	8 13 16 16 15 17 17 18 19	8 12 18 17 15 17 19 20 20	9 12 18 17 16 17 19 21 21	9 13 17 23 16 17 22 19 19	9 13 19 19 18 25 20 22	9 13 22 20 18 19 23 21 25	10 15 18 23 19 20 22 23 23	10 12 16 19 18 20 20 22 20 22	12 11 16 19 20 21 21 23 22 24	11 10 16 22 21 21 20 22 20	10 13 14 17 20 18 22 22 21 20
10 11 12 13 14 15 16 17	18 28 20 17 30 15 19 35	18 27 19 15 32 15 18 37	18 25 15 15 42 24 17 24	18 25 14 14 26 36 17 24	18 24 14 15 21 15 17 30	22 23 14 17 20 16 29 33	23 14 21 24 18 31 27	21 12 19 19 24 25	18 12 15 17 17 17 22	18 12 15 15 15 14 19	17 12 14 15 14 19	16 12 16 15 14 19	16 15 16 15 14 20	16 15 17 15 20 MISSI	16 15 17 14 14 19 20	17 15 18 15 15 19 21	16 16 19 16 17 20 21	17 16 18 16 17 20	18 17 20 17 17 21	19 20 24 17 18 22	17 19 22 19 23 22	17 19 24 23 23 24	19 18 25 17 20 30	21 17 29 16 20 32	20 16 18 21 18 21 24
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31	26	26	22	21	22	22	21	21	22	22	23	23	22	0000	21	21	22	22	25	29	31	26	25	27	24
MEAN	22	22	21	21	20	21	23	21	19	19	18	18	18	18	19	19	20	20	21	22	22	22	22	23	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS MONTH SEP STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003 24 MEAN HOUR DAY 19 21 20 24 19 17 17 19 19 19 20 21 25 20 19 17 19 21 21 21 23 19 18 19 21 22 23 21 24 24 20 19 18 23 26 25 22 26 25 20 22 20 21 26 29 25 27 23 19 21 19 21 24 32 27 30 21 18 23 18 21 24 30 26 25 24 18 19 17 21 22 23 26 28 20 20 18 21 25 20 21 29 20 20 18 20 21 19 19 31 33 18 17 17 19 23 18 19 24 27 18 17 19 21 18 19 21 25 19 17 18 19 20 19 22 20 25 19 17 20 22 26 32 26 28 19 18 16 21 25 25 29 26 28 19 18 12 29 25 27 30 19 20 15 21 27 23 22 27 32 19 19 15 23 24 22 26 37 19 15 24 26 22 19 26 38 23 16 22 27 21 25 39 28 22 27 37 21 20 35 40 24 20 20 36 20 20 34 33 20 18 19 26 21 20 24 19 18 17 19 20 3 4 5 6 7 8 9 21 20 25 21 19 24 23 23 22 21 24 21 19 28 26 23 20 22 23 22 19 31 23 22 23 20 23 27 19 28 23 25 23 25 31 25 19 29 23 23 24 23 31 20 23 19 31 24 24 25 21 30 20 22 19 32 24 21 21 25 22 24 21 21 23 27 23 22 20 25 21 19 24 25 22 25 24 20 25 21 22 19 31 24 20 32 20 33 19 21 20 34 22 52 52 30 22 26 25 36 23 23 33 21 22 22 21 22 27 21 20 21 19 20 20 19 22 24 21 19 20 19 21 20 19 21 24 22 19 20 19 22 20 19 21 23 21 19 20 19 21 20 19 21 22 21 19 20 19 21 20 19 21 22 23 21 21 23 21 19 23 24 23 21 29 20 31 20 24 19 27 23 20 28 22 26 19 21 18 29 22 12 13 14 15 16 17 18 19 20 20 28 23 26 21 22 19 31 24 38 21 33 19 32 23 44 23 20 22 21 19 22 24 21 24 19 19 22 17 25 18 23 24 20 20 23 27 23 20 21 24 23 19 23 24 21 19 23 24 21 21 21 24 23 26 21 16 24 22 20 21 24 25 27 21 16 24 22 20 21 25 26 22 17 25 22 20 21 25 24 20 21 19 29 20 19 22 19 33 19 19 18 26 19 19 21 19 24 21 19 22 24 22 19 19 22 27 24 19 20 22 26 23 19 20 23 23 18 21 16 24 21 20 20 24 23 21 21 16 22 23 24 25 26 27 28 29 30 18 29 20 19 22 19 29 19 19 22 18 28 19 19 21 19 25 20 23 19 23 19 19 24 19 19 22 26 23 19 20 23 24 18 20 16 34 17 26 29 24 18 30 22 26 34 21 29 33 18 30 20 20 19 15 20 15 20 24 21 23 19 16 20 15 18 21 18 23 25 17 21 17 19 19 18 MEAN 

PERCENTAGE OF DATA VALID - 97

						ONTAR	RIO N	MINIST	RY (	OF TH	HE E	VVIRON	MENT	- AIF	AM F	VAGEME	NT E	BRANCH	1						
	POLLU	JTANT	- TO1	AL H	YDROCA	RBON	3						UN]	TS .	PARTS	S PER	TEN N	MILLIC	N						
	STAT	ION -	LAWRE	NCE (	KENNED	Y SC	ARBOR	DUGH	NO	33000	3		NOM	ITH O	CT 7	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	1.3	1.4	15	16	17	18	19	20	21	22	23	24 M	MEAN
DAY 1 2 3 4 5 6 7 8 9	23 18 27 24 23 21 22 18 20 37	23 18 26 19 21 21 24 18 19 33	21 17 22 18 17 19 21 19 19	20 17 24 18 16 19 20 19 26	19 18 24 16 19 19 19 19 19 19	18 17 25 26 16 21 19 18 21 29	20 18 30 36 18 72 19 18 35	19 19 43 17 29 43 17 18 32 56	16 18 24 39 16 27 18 18 21 32	15 17 22 35 16 18 18 18	16 18 22 26 16 18 18 19	17 17 22 20 16 18 18 18	17 18 23 20 15 18 18 18 18 23	17 19 23 19 15 18 18 18 18 23	17 18 23 19 18 18 18 18 23	18 19 28 20 21 18 18 18 19 23	18 28 19 23 18 18 18 20 24	18 18 24 18 22 19 18 19 20 26	18 19 25 18 24 19 18 20 23 26	19 18 26 17 23 20 18 21 27 25	19 19 24 17 23 19 18 22 34 25	19 22 24 17 23 20 19 23 45 26	19 25 26 18 23 21 19 21 36 25	18 25 27 21 21 19 20 38 23	19 19 25 23 19 22 19 19 24 28
11 12 13 14 15 16 17 18 19 20	23 38 29 22 21 15 19 20	23 36 28 22 22 22 14 19 20	23 31 26 22 20 14 19 22 22	23 28 26 21 24 19 14 20 20	24 30 25 21 25 19 14 17 20 19	24 30 24 21 25 21 16 18 20	5852255321 22522321	25 35 25 27 23 26 25 27 20 20 20 20 20 20 20 20 20 20 20 20 20	24 30 26 22 33 21 17 19 32	3652006020 1232	23 25 25 21 27 16 19 23	23 25 25 22 23 17 20 19 21	23 26 25 22 23 19 20 17 21	23 26 25 22 18 20 18 22	23 26 25 22 22 18 20 19 22	24 27 24 22 22 16 20 23 18 23	25 27 25 22 27 20 21 20 21 20 21 20 21 20 21 20 21 20 21 20 20 20 20 20 20 20 20 20 20 20 20 20	25 27 25 23 22 16 19 21 21	26 29 24 23 23 17 20 25 19 22	26 32 24 23 25 17 20 21 18	25 32 23 27 16 20 21 17	25 29 23 25 16 22 21 17 20	32 28 22 23 23 16 21 17 21	42 31 21 23 22 16 19 22 17 20	25 30 25 22 25 19 18 21 21 20
21 22 23 24 25 26 27 28 29 30	22 41 41 38 27 25 19 15	21 36 37 36 27 22 18 15	22 40 38 33 29 19 16 15	24 38 45 33 24 19 16 14	22 32 37 34 23 21 16 15	19 38 38 50 24 27 14 14	22 42 54 67 28 30 17 14 14	23 53 66 68 26 35 17 14 15	22 57 63 24 26 17 14 15	17 44 48 33 24 21 16 15 15	17 40 43 33 18 21 18 15 15	18 27 35 30 19 21 20 15 16	18 23 29 24 18 20 14 17	18 21 26 23 18 20 20 15 19	18 21 26 25 19 22 16 14 19	19 23 28 27 20 23 16 14 17 21	21 26 29 26 20 28 16 14 17 26	24 27 32 25 22 26 18 14 16 27	25 25 32 24 26 24 19 14 15 20	25 28 325 325 326 23 114 122	29 33 33 23 35 22 16 14 15 20	35 51 41 22 23 16 14 15 20	48 53 43 23 21 19 14 17	53 448 231 19 15 14 15	24 339 333 24 23 17 14 15
31	17	17	18	1.7	18	18	21	23	22	18	19	20	21	22	21	23	28	24	21	21	20	19	18	18	20
MEAN	24	23	22	22	21	23	29	29	26	23	21	21	20	20	20	21	22	22	22	23	23	24	24	24	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POL	LUTAN	T - T	JATC I	HYDRO	CARBO	NS						U	NITS	- PAR	TS PER	R TEN	MILLI	ON						
	STA	TION	- LAWI	RENCE	/KENNI	EDY S	CARBO	ROUGH	N	0 330	03		M	ONTH	NOV	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	18 16 20 19 19 17 17 23 19 20	18 17 20 19 18 17 17 21 19 20	17 19 19 18 17 17 20 18	18 17 18 19 18 17 17 20 18	19 17 18 18 18 17 17 20 19	18 17 18 18 17 16 18 20 19	19 18 18 19 17 19 20 21	21 24 18 19 28 19 23 22 25	19 24 18 18 21 18 21 22 26 20	17 23 18 19 19 17 19 22 22	17 20 18 19 17 17 18 22 21	16 21 18 19 17 17 18 20 19	16 23 19 20 20 18 20 19	16 24 18 20 20 18 21 18 17	25 18 20 19 18 21	16 25 18 20 20 18 22 19 24 20	17 28 18 20 21 19 22 20 24 20	17 28 18 21 20 19 25 21 25 22	18 24 17 21 21 19 26 21 22 22	18 22 17 21 21 18 28 21 23	17 21 17 21 20 18 33 21 21 20	16 21 17 21 20 18 36 20 21	16 20 17 21 20 18 34 20 20	16 20 17 21 18 18 29 20 20	17 21 18 20 20 18 22 20 21
11 12 13	20 21 27 24	20 21 25 23	20 21 25 22	20 21 24 22	19 21 25 22	18 20 26 23	18 22 27 23	19 23 30 25	19 24 34 25	18 23 32 23	18 22 28 23	18 22 27 24	20 22 27 24	19 22 28 24	21 23 29 23	20 23 31 24	21 24 31 26	21 24 30 31	20 25 30 35	21 25 31 37	21 24 29 41	21 26 27	21 26 27	21 27 25	20 23 28 26
15 16 17 18 19	19	19	19	18	18	17	18	19	20	22	20	21	DATA 21 DATA	MISS 21 MISS	20	20	21 21 35	21 20 34	19 20	18 21 38	23 20	18 20	18 21 47	19 21	20
20	48	31	32	30	24	22	22	23	24	22	22		16	17	17	16	16	16	34 16	16	17	43 17	16	53 16	22
21 22 23 24 25 26 27 28	16 23 32 26 16 14	17 24 32 22 16 13	17 23 31 21 16 13	17 23 30 21 14 13	17 23 31 18 14 13	17 23 33 18 13 14	17 25 35 18 13 14	18 32 40 18 13 15	19 28 41 18 13 15	19 28 37 18 12 14	19 27 32 17 13 13	19 26 30 17 13 13	20 26 30 17 13	20 27 33 18 13 16		21 30 28 16 13	23 35 30 16 13 17	22 43 33 17 14 17	23 46 37 18 14 17	24 46 35 23 15	24 31 29 24 16	24 28 32 19 15 16	24 30 28 15 15	24 30 27 15 15	20 29 32 19 14 15
29 30	18 17	1 7 1 7	16 16	15 17	15 17	15 17	18 19	21 23	21 23	18 22	17 23	18 21	18	18	18 19	19 20	19 22	20 22	19 22	19 25	18 24	18 22	18 19	18 20	18 20
MEAN	21	20	20	19	19	19	20	22	22	21	20	20	20	20	20	21	22	23	23	24	23	22	22	22	21

PERCENTAGE OF DATA VALID - 82

						ONTAI	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANCI	н						
	POLL	JTANT	- TO	TAL H	YDROCA	ARBON:	S						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	LAWR	ENCE / I	KENNE	DY SC	ARBOR	OUGH	NO	3300	3		MO	NTH C	EC	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	19 20 21 13 14 17 15 24	19 19 25 14 14 17 15 22	18 17 17 14 13 17 16 19	19 16 14 13 13 18 15 17	18 15 16 14 12 18 14 17	19 15 18 14 13 18 14	21 15 24 17 12 19 16 17	23 15 25 19 13 22 21 18	24 14 22 17 14 21 21 19	22 14 18 15 14 21 19	22 14 18 15 16 21 19 20	20 14 17 15 22 20 19 19	20 12 15 15 22 19 19	20 12 15 16 19 19 27 17	22 11 15 15 19 18 20 16	21 11 18 15 24 19 22 16	22 11 22 15 18 19 26 16	22 11 20 14 18 20 22 16	19 10 17 13 19 19 21 15	18 11 16 13 18 19 18 15	18 11 15 13 17 17 18 15	19 12 14 13 17 16 19 14	20 13 13 17 15 21 14	21 16 13 17 15 25 14	20 14 18 15 16 19 17
10 11 12 13 14 15 16 17 18 19 20	15 19 17 17 25 18 15 15 15 15	15 19 16 19 17 18 16 14 15 26	15 18 16 20 15 16 15 14 15 26 13	16 18 16 19 15 15 15 14 15 12 12	17 15 27 15 16 15 14 20	17 15 16 24 14 16 15 14 17 17	18 16 21 24 15 16 15 14 26 17	24 22 31 27 21 15 16 20 21	22 18 30 23 20 15 15 18 21 17	21 16 24 20 19 15 14 17 20 17	22 15 22 18 18 16 14 18 19 16	21 15 20 16 17 16 15 18 20 16 17	18 19 16 18 18 14 18 14	17 19 16 16 16 15 18 18	18 20 16 20 17 15 18 18	19 20 16 25 16 14 19 17 16	21 22 23 17 22 17 15 20 18 16	21 22 21 17 26 17 16 19 21 16	20 20 17 22 16 19 18 22 16	20 21 20 21 17 18 19 24 15	19 20 18 21 18 16 16 17 26 14	20 19 18 18 16 15 17 27 14	21 18 17 18 17 16 15 17 31 14	18 17 18 16 15 16 33 13	19 18 20 19 19 16 15 17 21 18
21 22 23 24 25 26 27 28 29 30	15 14 13 12 14 16 17 15 10	14 14 13 13 17 17 17 15	13 14 13 13 16 16 16 14	13 14 13 12 16 16 14 12	13 12 13 14 13 16 16 13 14	13 12 13 13 18 16 13 14	15 12 13 12 12 20 17 14 15	21 14 13 13 21 19 15 14	19 15 13 23 20 16 14	17 17 13 12 21 19 16 15	16 22 13 13 22 19 15 16	17 22 11 15 13 20 15 15	16 21 10 15 13 22 **** 13 15	17 19 11 15 13 20 **** 12 16	17 16 11 15 14 20 19 12 18	17 18 11 15 15 22 18 12 18	18 16 11 15 15 23 18 12 18	19 13 12 15 15 22 18 11 17	16 12 12 15 14 21 18 11	17 11 13 16 14 20 19 12 16	14 12 13 17 14 18 22 10 13	15 13 15 15 15 18 21 10	17 13 12 15 15 17 19 8 11	16 13 12 15 15 17 16 9	16 15 12 14 14 19 18 13 14
31 MEAN	12 16	11 16	12 15	13 15	13 15	12 15	12 16	13 18	15 18	15 17	17	16 17	17 16	17 16	17 16	16 17	18 18	19 18	20 17	18 17	21 16	18 16	16 16	16 16	16 16

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	24	21	3 1	71
FEB	23	23	3 1	61
MAR	31	21	2.8	4.5
APR	28	1.7	2 7	43
MAY	31	1.7	2 2	4.5
JUN	30	1.8	2 7	48
JUL	31	17	2 7	77
AUG	29	21	29	42
SEP	30	22	28	52
OCT	31	23	39	72
NOV	27	. 21	32	53
DEC	31	1.6	21	33
YEAR	346	20	39	77

## ONTARIO MINISTRY OF THE ENVIRONMENT AIR MANAGEMENT BRANCH

MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73

UNIT - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS

STATION - LAWRENCE KENNEDY SCARBOROUGH NO 33003 201&OVER TOTAL JAN 0 172 261 FEB 7.4 MAR APR MAY JUN JUL 3.1 1.5 AUG SEP OCT D 

FREQUENCY DISTRIBUTION BY PERCENTILES

NOV

DEC

YEAR

PERCENT OF DATA				FREQUENCY		RATIONS	PERCENT				ARITH
VALID	MIN	10	30	50	70	90	95	98	99	MAX	MEAN
89	8	13 4	16 1	18.5	20.9	25.3	28.9	34 4	39.0	77	19.7

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 19 21 19 22 19 21 17 17 17 17 19 22 19 21 17 17 16 23 18 19 21 21 17 17 16 22 18 20 21 21 16 17 17 32 19 20 71 20 17 17 17 21 18 22 45 23 21 17 16 20 23 19 19 21 23 19 17 17 18 20 20 24 24 23 19 17 18 19 18 22 25 23 23 19 17 18 21 19 24 23 22 22 19 18 19 22 20 24 23 22 20 17 18 26 20 23 25 21 22 20 17 18 28 20 22 26 21 22 19 17 18 37 22 21 27 21 22 20 17 18 35 20 21 22 21 17 17 17 43 19 20 22 27 22 20 17 17 22 20 22 23 27 22 20 17 17 19 22 19 31 21 19 17 17 17 33 19 53 21 21 17 16 19 22 18 22 23 19 17 17 18 20 19 22 23 18 17 17 18 19 20 22 23 18 17 17 19 19 21 23 22 17 17 17 19 19 17 17 17 27 18 17 18 20 19 12 13 14 15 16 17 18 19 20 22 18 23 21 19 21 22 17 18 21 18 29 21 19 21 54 19 20 18 24 21 19 20 61 16 18 21 19 23 21 19 22 44 16 19 20 18 24 20 23 24 16 20 18 24 21 21 24 22 17 20 18 23 22 21 24 23 17 19 20 19 22 22 21 22 18 22 21 22 19 22 26 21 22 19 23 20 21 19 22 26 21 20 19 22 20 21 19 22 24 25 20 18 23 20 22 21 22 26 24 19 212 222 221 222 227 18 21 24 20 21 20 20 22 22 19 21 23 19 22 21 20 22 24 18 19 21 18 23 21 18 21 26 17 19 21 18 40 22 19 21 43 16 19 21 19 22 22 21 23 22 17 23 20 22 20 22 24 22 23 19 24 20 22 20 22 25 21 19 22 22 22 21 22 23 19 18 21 22 22 21 22 18 19 21 26 21 23 18 22 23 24 25 26 27 28 29 30 18 22 24 48 22 19 22 19 19 22 22 41 27 21 19 19 19 22 25 54 26 21 19 21 19 19 22 58 30 19 19 19 19 20 23 53 26 20 19 20 23 19 20 23 58 24 20 19 21 22 22 25 29 20 19 23 26 28 22 24 28 24 21 18 23 29 24 23 30 28 24 22 18 21 24 22 23 27 39 25 21 20 21 19 19 22 47 34 21 19 20 19 20 23 61 22 20 19 20 23 21 24 64 24 29 23 22 21 23 56 23 20 19 23 22 21 22 24 26 23 20 20 22 22 22 24 28 24 20 20 20 23 24 22 25 27 21 20 22 26 25 22 24 26 25 21 28 27 23 25 32 24 21 18 20 28 28 28 36 24 22 19 20 27 23 24 30 28 23 21 19 38 23 25 30 28 22 21 22 19 30 23 27 31 28 22 20 31 19 24 27 49 28 22 20 23 19 21 23 25 50 28 22 19 23 MEAN 

PERCENTAGE OF DATA VALID - 99

						ONTA	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEME	ENT	BRANC	Н						
	POLI	JTANT	- TO	TAL H	YDROC	ARBON	IS						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	SCIE	NCE C	ENTRE	DON	MILLS	OAMS	T NO	3400	2		MO	NTH F	EB	73									
HOUR DAY 1 2	19	19 21	3 18	19	5 18	6 18	7 19	8 21	9 23	10	11 22	12 21	13 23	14 23	15 22	16 23	17 24	18 25	19 23	20 22	21 22	22 22	23 23	23	MEAN 21
3 4 5 6 7 8 9	22 24 18 17 17 20 17	19 18 18 17 21 17	21 18 18 19 17 22 16 18	21 17 17 18 17 24 16	21 17 17 18 17 21 17 30	22 17 17 17 17 20 17 28	22 17 17 18 17 19 17 28	24 17 18 19 18 22 17 29	26 17 18 18 23 17 29	26 17 18 18 23 17 22	27 17 19 18 22 17	26 17 19 18 20 17 18	26 17 20 18 21 18 18	30 17 19 20 18 18	41 18 20 19 20 18 19	41 18 20 19 19 21 18	49 18 20 20 20 22 18 20	63 19 21 20 20 22 19 20	77 18 20 20 21 22 18 22	66 18 19 19 23 22 18 23	36 17 17 19 21 22 18 21	29 17 17 18 21 23 19 20	27 17 16 18 19 22 19 21	25 17 16 18 19 18	33 18 18 19 19 21 18 22
10	20	20	20	21	20	19	19	18	18	17	16	16	17	17	17	18	18	18	18	18	18	18	17	17	18
11 12 13 14 15 16 17 18 19	51 69 18 17	48 71 17 17	48 71 17 17	43 71 16 18	52 73 16 18	17 48 57 16 18	17 51 46 16 18	58 37 17 18 18	53 27 18 18	32 24 18 18	18 22 24 18 18	90	18 22 22 19 19 20 DATA DATA		NG -	17 19 30 20 20 19 20	18 20 30 21 21 20 20	18 20 26 21 21 21 21	19 21 38 20 21 20	19 32 60 20 21 19	18 34 65 19 20 19	40 60 19 20	43 68 19 20	49 70 18 19 19	18 44 35 19 19
21 22 23 24 25 26 27 28	19 40 21 21 20 14 33	17 36 20 28 20 14 32	17 39 19 37 21 14 33	17 43 19 38 28 14 37	17 44 29 32 31 14 43	17 38 32 38 26 13 39	17 40 24 33 24 13 33	17 39 22 29 26 15 31	18 26 20 22 25 16 24	17 19 19 20 22 15 26	17 18 19 21 20 15 30	18 18 19 21 20 15 24	22 19 19 19 21 20 15 23	22 19 19 19 20 15	26 19 19 19 20 15 16	24 19 19 20 21 15 15	26 20 19 20 21 16 15	28 21 19 20 22 16 17	30 22 20 20 22 15 17	24 22 20 19 21 15 17	21 22 21 19 20 14 28 21	21 24 22 19 20 15 29 20	21 21 20 20 15 34 22	20 20 20 19 14 31	20 27 21 24 20 18 26
MEAN	24	24	24	25	26	25	24	24	22	20	20	19	20	20	20	21	21	22	23	24	23	23	24	24	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - SCIENCE CENTRE DON MILLS DAMST MONTH MAR NO 34002 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 19 22 14 19 22 23 20 21 24 19 52 14 18 22 21 24 20 23 19 48 14 18 22 21 36 27 17 54 15 18 41 24 19 23 23 16 15 20 21 20 20 25 19 15 20 22 26 20 25 21 17 14 19 24 25 20 21 24 24 15 17 12 21 21 24 19 24 24 15 15 12 23 19 24 48 16 56 15 23 22 42 19 50 16 35 14 19 21 25 45 51 15 37 12 18 19 24 54 70 15 65 12 19 20 22 53 19 44 15 58 12 20 21 25 55 19 28 16 22 25 30 22 17 15 19 21 27 20 26 20 14 18 22 21 20 25 63 15 18 24 22 42 20 22 15 13 12 12 12 12 12 12 12 12 12 12 12 13 17 15 19 20 23 21 18 25 15 43 18 19 28 53 19 15 12 19 19 22 53 19 15 13 22 28 52 19 15 37 13 27 22 31 25 19 19 20 25 20 19 20 21 MISSING MISSING MISSING MISSING MISSING 14 15 21 23 17 67 21 18 20 22 20 22 20 24 19 26 18 25 17 23 17 22 20 17 22 17 21 17 26 16 21 16 21 22 DATA DATA DATA DATA DATA 14 15 12 13 14 15 16 17 18 19 20 26 16 45 20 20 20 20 21 41 42 39 52 34 51 23 33 19 50 55 20 37 49 21 21 21 20 25 41 20 22 40 20 19 29 20 17 22 20 18 23 20 19 19 19 43 57 19 53 59 18 46 53 22 23 24 25 26 27 28 29 30 21 38 54 19 35 66 19 29 56 DATA 14 MISSING 49 26 54 27 25 44 25 26 24 26 25 26 25 8.0 37 26 30 27 DATA MISSING MEAN

PERCENTAGE OF DATA VALID - 69

						ONTA	ARIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	AI	R MA	NAGEME	NT	BRANC	Н						
	POLL	.UTAN1	~ T0	TAL H	YDROC	CARBON	4S						UN	NITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	SCIE	ENCE C	ENTRE	DON	MILLS	OAMS	T NO	3400	2		MC	NTH A	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	• 7	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	18 15 18 24 17 20 43 17 17	18 14 19 25 17 20 33 16 16	18 14 22 28 16 19 22 16 16	18 14 24 16 18 17 15	17 14 23 22 15 18 15 16	17 14 26 23 15 18 15 16	17 15 28 22 15 18 15 15 23	17 15 24 20 15 18 15 16 23	16 17 22 41 15 18 15 17 21	17 17 225 16 18 15 18 18 18	17 19 21 38 17 18 16 15 20	17 20 21 29 21 18 18 15 22	17 22 25 28 21 18 17 16 25	17 23 26 26 22 18 17 16 26 21	18 26 21 19 17 16 27 22	18 25 30 19 19 18 155 23	19 24 34 24 20 22 18 16 24 24	18 22 35 27 21 19 17 16 25 25	17 21 32 24 19 17 17 15 24 23	16 19 28 21 19 17 17 15 21 20	15 19 26 20 21 27 17 16 20	15 19 26 19 23 36 17 15 19 20	15 18 24 18 22 38 17 16 19 20	15 18 24 17 21 42 17 16 19	17 19 25 27 19 21 19 16 20 21
11 12 13 14 15 16 17 18 19 20	20 34 26 35 31 58 20 71 30	20 46 27 43 60 58 19 66 24	20 47 31 44 67 58 18 74 24	21 42 48 57 56 186 25	22 44 31 54 56 62 17 68 29	24 30 54 56 62 17 55 26	25 62 30 55 56 60 17 49 21	25 48 28 45 46 50 18 47 22	22 30 26 32 34 30 18 423	21 26 29 25 21 18 22	21 23 33 28 22 22 19 36 22	23 22 39 27 21 22 22 28 22	24 45 28 21 24 24 27 23 DATA	25 45 26 20 24 25 29 MISS I	24 26 37 26 20 26 NG	26 27 32 26 19 31 29 26	24 26 31 24 19 34 31 26	24 27 32 24 20 32 34 28	24 26 29 24 21 28 37 26	24 26 28 22 21 24 41 27 58	23 25 22 22 22 22 40 29	22 24 26 23 45 21 41 30 39	22 23 26 24 52 52 52 28	23 26 24 61 76 29	23 32 31 33 37 36 28 42 28
21 22 23 24 25 26 27 28 29	19 21	1.7	16	18	17	.000	15	15	16	17	18	20	DATA DATA DATA	MISSI MISSI MISSI MISSI 22 MISSI	NG - NG - NG - 19 22	19 24	23 19 22	24 19 21	24 19 20	24 19 19	27 19 19	38 19 19	45 19 18	48 19 19	0 0 0 0 0 0 0 0 1 9 0 0 0 0
MEAN	27	28	29	2.8	29	27	29	26	24	24	22	22	24	24	23	24	24	24	23	24	24	2.5	26	27	25

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION MONTH MAY STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 54 20 26 17 20 24 26 29 32 23 27 17 19 21 25 29 32 24 17 17 20 27 27 28 27 22 16 18 21 22 26 25 25 25 15 19 19 21 22 26 23 24 19 16 32 17 20 28 23 18 17 53 17 21 22 24 43 21 19 19 49 18 19 24 60 20 21 18 24 50 17 22 41 73 19 21 18 33 46 17 26 33 83 18 21 17 37 49 17 20 24 84 18 20 17 38 56 18 18 78 18 20 17 36 50 18 20 21 65 18 20 16 31 41 18 24 23 44 17 21 16 24 27 19 26 25 18 18 17 18 28 26 27 25 21 23 17 17 19 25 26 46 24 25 17 18 21 22 26 28 36 24 27 18 19 29 54 22 17 17 20 27 24 28 22 24 19 15 17 19 24 25 22 24 19 15 18 17 21 24 33 22 29 20 49 17 20 21 21 42 23 217 25 22 22 23 27 16 17 20 26 26 31 20 16 22 25 23 30 32 44 40 12 13 14 15 16 17 18 19 20 17 16 19 23 19 27 33 26 15 17 50 22 26 26 59 66 26 26 15 16 37 22 30 24 65 76 15 16 32 19 32 460 69 26 16 16 26 17 30 24 58 64 30 15 17 21 17 29 25 60 61 24 15 17 18 18 29 25 54 18 15 17 18 18 28 27 38 39 17 15 17 22 19 27 328 28 17 17 22 29 28 30 28 27 17 17 22 24 19 30 30 30 28 17 17 22 24 32 31 30 28 17 17 24 23 30 37 29 30 28 18 23 23 39 28 28 30 19 18 21 22 30 36 30 29 30 16 18 20 20 33 29 28 29 16 17 20 29 33 26 27 15 17 20 19 28 32 27 28 26 15 17 24 21 27 29 35 56 26 15 17 41 22 26 27 56 25 15 17 45 23 26 25 68 28 16 15 49 24 25 65 70 35 15 15 42 42 72 63 84 17 16 19 22 18 27 32 26 26 52 22 23 24 25 26 27 28 29 30 71 33 28 24 23 23 41 24 66 42 47 38 26 25 32 34 69 27 27 24 23 40 23 25 85 28 28 24 24 24 24 21 22 76 28 28 25 24 24 22 22 22 34 68 27 27 26 24 22 24 22 46 26 27 25 23 26 21 40 47 26 27 25 24 23 23 28 35 28 30 26 26 26 26 26 26 65 28 31 27 24 28 31 25 32 32 32 32 55 53 23 32 52 36 33 30 28 35 30 30 37 44 34 33 29 28 27 31 27 35 41 31 32 28 26 22 35 26 34 42 33 31 28 24 22 39 25 35 52 32 31 26 22 23 30 24 38 71 33 30 25 23 28 24 60 71 30 28 23 23 23 21 24 51 57 58 26 26 22 23 23 22 23 22 25 40 28 31 28 25 45 39 31 32 35 30 28 27 59 29 29 28 26 34 29 35 30 29 27 39 29 35 MEAN 

PERCENTAGE OF DATA VALID - 99

						ONTA	RIO	MINIST	RY	OF T	HE E	NVIR	NMEN.	r - A:	R MA	ANAGEM	IENT	BRANCE	н						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	IS						U	NITS	PART	TS PER	TEN	MILLI	ON						
	STAT	ION -	SCIE	NCE (	ENTRE	DON	MILLS	OAMST	NO	3400	2		M	HTMC	IUN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23		IEAN
1 2 3 4 5 6 7 8 9	37 30 57 27 95 55 53 42 48 58	34 42 53 31 71 50 46 48 52	33 45 53 32 45 48 45 48	35 31 52 27 42 48 45 45	35 23 53 26 37 46 44 49 73	39 23 50 27 37 46 42 49 80	38 23 39 32 40 46 40 47 47	33 23 29 39 38 48 41 45 32	32 28 60 41 46 40 43 28	35 28 82 65 73 40 56 42 29	39 28 124 61 43 56 44 33	24 28 107 63 59 45 56 44 37	27 28 108 56 45 56 43 39	27 28 101 57 46 45 38	28 28 86 56 48 49 39	28 28 64 74 53 51 55 52	29 29 60 63 52 53 57 53 46	27 29 56 56 52 59 54 48	38 27 29 51 54 52 48 60 49	34 27 30 52 54 46 61 45	32844555554430	31 32 33 57 55 52 44 61 42 48	29 60 29 65 51 41 53 46	30 67 26 83 50 51 41 50 *	34 31 35 55 60 52 45 47
11 12 13 14 15 16 17 18 19	49 50 65 32 67 46 30 27 35 42	52 46 53 32 70 52 30 27 35 42	74 44 30 75 52 29 26 33 44	82 43 38 29 81 47 30 26 31 47	81 44 40 36 75 53 29 26 31 45	78 43 54 54 76 42 28 26 31 42	62 42 46 40 71 37 26 27 31 39	56 42 33 28 57 45 26 28 33	53 46 32 27 40 44 26 30 33 40	53 50 33 28 34 46 26 33 40	54 57 43 31 33 50 27 30 32	51 65 99 36 32 55 31 34 31	46 68 84 41 55 33 36 31 35	78 75 48 32 55 34 31 35	87 73 49 31 55 29 44 49 34	44 89 71 49 33 54 29 77 40 35	48 89 66 50 33 53 29 50 36	46 89 60 49 32 51 29 40 31	44 87 54 50 31 46 28 36 30 32	45 85 50 52 32 43 27 35 31	47 83 49 56 32 42 27 35 36	49 75 42 66 32 41 27 35 38 41	51 63 43 64 33 33 27 35 39 35	51 66 35 69 40 31 27 36 43 33	55 64 53 44 47 47 29 35 34 37
21 22 23 24 25 27 28 29 30	35 70 76 64 51 35 25 22 23	38 64 72 65 46 34 18 19 25 52	43 64 67 56 55 35 16 20 32 58	57 70 65 48 49 36 16 22 54	66 67 63 42 49 45 18 19 45	81 72 59 40 47 43 32 17 32 48	71 74 52 37 40 21 24 17 24 37	53 64 44 32 34 19 19 19 25 27	37 65 37 27 28 21 31 19 24 23	52 81 28 24 22 21 18 25 21	104 98 30 23 23 23 20 18 29	116 98 29 23 *** 24 22 17 27 18	108 95 29 23 *** 32 24 18 27	96 35 22 50 24 18 27 21	112 90 38 22 21 25 24 20 26 24	100 83 39 22 18 22 25 21 26 25	50 77 40 22 17 21 29 24 26 25	41 68 40 21 16 21 27 25 28 25	41 62 39 21 16 20 26 28 31 25	43 57 39 21 17 20 26 23 33	50 59 39 25 17 18 25 21 32 36	70 65 41 37 17 17 24 20 34 26	77 69 52 47 24 18 21 21 41 25	74 73 62 43 42 24 19 22 50 25	67 73 46 34 31 27 23 20 31
MEAN	47	45	45	45	45	46	40	36	35	39	42	47	46	44	46	47	43	41	40	40	41	42	43	46	43

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002 MONTH JUL MEAN HOUR DAY 27 34 32 34 127 66 58 36 40 45 32 40 86 40 49 36 35 36 48 32 40 73 39 45 36 35 34 45 34 39 43 31 40 37 33 31 35 34 36 51 35 35 35 35 53 33 54 39 30 47 37 31 31 41 33 50 45 47 35 27 32 32 45 35 17 36 44 36 31 44 34 54 16 38 42 36 25 31 31 35 51 7 30 40 35 25 27 36 49 39 23 34 41 24 24 36 41 21 29 37 34 50 28 25 35 37 33 119 37 35 43 24 326 326 26 336 335 40 25 28 32 75 36 43 35 41 39 32 37 122 63 55 36 37 40 50 32 41 101 47 52 36 37 39 51 32 39 65 36 41 33 42 42 33 38 60 31 39 37 34 32 39 34 37 47 25 40 37 33 33 37 33 45 39 33 41 37 31 30 33 33 51 36 41 50 36 30 34 75 36 35 42 31 12 13 14 15 16 17 18 19 20 24 16 21 31 26 37 37 37 24 22 16 16 30 23 36 38 37 25 36 17 16 27 23 34 38 37 24 38 18 16 33 25 35 42 26 18 14 33 28 40 34 19 17 18 13 30 27 36 37 35 26 14 17 13 22 21 30 34 37 30 14 18 13 15 16 26 31 30 20 13 20 13 16 21 19 33 17 13 19 12 12 15 15 15 17 13 19 12 14 15 15 27 20 15 21 13 12 14 15 16 24 22 27 27 14 15 20 19 20 22 34 20 27 14 14 22 21 20 23 37 18 26 14 13 21 21 21 23 37 17 25 14 13 20 21 21 23 30 18 24 16 13 17 21 22 19 18 23 17 13 25 34 21 23 16 19 23 17 13 33 37 45 23 16 17 22 27 18 33 36 44 24 17 22 32 28 33 34 36 24 15 21 16 19 22 26 29 28 24 26 14 14 16 18 24 13 13 21 16 26 15 15 18 19 20 22 29 27 24 18 21 37 24 24 36 42 66 13 15 22 35 47 41 33 15 20 16 23 31 46 41 33 15 21 15 20 32 21 24 41 28 43 36 32 30 23 25 42 26 50 43 35 31 24 28 44 30 51 44 36 34 24 29 44 35 51 44 32 35 24 31 44 36 43 36 35 25 31 46 37 46 41 32 34 30 34 47 37 44 42 32 32 34 33 43 49 37 42 41 31 33 33 30 41 55 37 40 39 30 32 34 35 39 67 39 40 37 29 32 35 24 27 39 49 41 34 24 31 22 23 24 22 26 27 28 29 30 37 34 39 48 39 40 36 26 34 36 32 38 42 40 36 19 34 32 30 38 40 47 40 35 17 32 29 37 42 56 40 28 23 37 43 33 46 33 16 35 16 20 72 72 57 40 34 15 30 14 16 24 55 14 31 56 14 18 27 29 45 43 37 23 41 36 21 26 41 36 26 28 34 16 31 16 31 

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	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UN	ITS -	PART	S PER	TEN I	MILLI	NC						
	STAT	ION -	SCIE	NCE CE	ENTRE	DON	MILLS	OAMS	NO	3400	2		MO	NTH A	UG	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	59 50 331 40 33 41 45 44	52 50 26 27 42 34 39 41 44	42 46 19 30 44 34 41 41 43 54	37 43 17 37 44 34 43 41 42 50	35 40 30 22 42 33 53 40 41 45	32 34 34 21 44 32 56 46 41 43	31 29 21 26 39 30 54 49 41	32 28 17 17 28 30 52 47 43	31 28 19 16 23 47 43 45	29 27 20 16 23 30 43 41 47	28 26 17 26 31 41 39 47	27 30 21 20 27 32 41 40 45 36	34 23 24 30 33 39 41 46 37	35 26 26 32 34 40 42 44 37	35 29 29 33 36 42 43 44 37	35 36 30 33 38 43 47 37	35 36 31 30 32 38 44 47 50	37 37 32 30 31 38 44 48 50	46 36 32 31 31 38 43 48 49	60 34 33 30 38 42 48 39	80 33 34 39 30 38 41 47 47	59 36 34 42 31 38 41 46 42	52 38 32 39 32 38 41 46 44	50 38 28 38 33 39 41 46 47	42 36 27 28 33 35 44 45 41
11 12 13 14 15 16 17 18 19	50 333 44 38 37 40 39 45	54 41 29 54 35 37 43 23 30 56	54 44 26 52 36 45 20 19 61	56 46 26 48 31 32 44 22 75	57 38 18 48 29 30 42 20 17 47	69 27 18 49 22 32 40 17 17	65 22 18 46 19 32 39 18 17	32 17 18 45 19 30 37 19 18 38	27 16 17 38 19 28 27 18 18 24	29 16 16 25 19 21 20 16 18 20	30 17 25 18 22 19 18	31 22 19 27 18 26 23 21	33 25 24 29 19 30 28 25	38 250 27 32 32 32 27 28	32 30 26 31 25 35 32 31 30 29	32 32 27 34 27 35 34 33 32 31	33 33 29 40 30 35 37 34 35 33	33 31 41 33 34 39 35 36 34	33 31 32 41 34 34 39 35 36	33 33 42 35 34 39 34 35 36	32 34 45 37 40 39 35 36 35	32 36 36 49 40 47 39 41 33	32 37 38 46 42 42 39 43 44	32 34 42 42 37 40 37 42 42 30	39 30 27 40 28 34 36 28 28 38
21 22 23 24 25 26 27 28 29 30	28 18 42 44 41 49 42 64 64	21 17 39 32 39 54 44 60 66 47	19 18 39 29 40 60 47 61 70 46	19 23 41 45 43 61 88 45	18 23 39 65 42 52 45 65 46	18 22 35 38 40 52 48 54	18 20 34 35 41 37 40 45 53 62	19 19 38 32 36 24 45 43 51	18 19 39 23 27 22 47 42 49 61	18 18 33 19 22 22 45 42 49 58	24 22 17 18 24 45 41 47 54	25 15 20 17 18 26 42 41 45	21 15 20 17 21 28 40 44 44	20 15 18 17 24 31 44 49	20 15 17 19 25 32 44 45 46	19 15 16 25 27 33 45 45 47	19 15 16 30 27 34 47 47 48	19 15 16 31 28 34 48 49 48	18 14 16 30 29 36 48 49 48	18 17 18 25 29 38 47 48 49	18 29 31 20 30 39 48 47 49 52	20 34 37 32 37 40 51 47 49 58	35 32 39 52 44 43 59 50 49	24 40 45 43 50 43 65 56 48 64	21 20 30 31 32 38 47 49 52
31	70	71	66	5.7	52	49	45	44	46	48	48	45	44	45	46	44	44	45	46	46	47	48	48	49	50
MEAN	43	42	41	41	4.0	38	36	33	30	28	30	29	31	32	33	34	35	36	36	37	39	41	42	42	36

UNITS - PARTS PER TEN MILLION STATION - SCIENCE CENTRE DON MILLS DAMST NO 34002 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 MEAN 51 59 72 51 25 31 58 66 71 75 48 30 17 29 55 62 70 76 49 27 19 67 69 70 73 46 28 17 26 76 69 74 72 44 28 17 21 74 69 75 72 46 28 17 31 69 71 72 73 46 29 17 25 46 48 58 60 46 24 17 44 46 56 59 42 17 16 52 60 65 42 24 17 43 44 53 55 42 17 16 43 46 52 53 43 19 17 17 44 51 53 46 19 17 44 52 56 46 19 17 44 43 51 56 44 18 17 44 43 52 57 43 44 48 53 56 36 32 17 16 44 52 57 41 21 17 16 49 59 53 28 32 17 16 52 65 55 52 26 33 17 56 67 59 52 26 39 21 17 54 56 61 63 42 26 18 20 68 75 72 46 25 17 23 65 70 72 44 29 18 19 58 67 69 41 25 17 17 12 13 14 15 16 17 18 19 16 43 55 56 18 16 41 52 55 18 16 39 34 52 18 16 45 46 50 18 42 38 40 18 24 24 200 22 40 38 52 18 16 41 31 51 18 17 43 31 48 18 20 78 32 31 18 18 46 28 24 17 17 24 43 22 17 19 22 40 24 26 22 34 23 20 19 97 17 130 35 21 18 202 36 20 29 28 101 23 23 51 23 18 39 38 23 32 113 45 19 24 188 38 20 36 65 52 18 32 73 47 18 21 60 52 32 DATA 18 MISSING -21 21 19 19 18 18 18 22 31 34 38 22 23 24 25 26 27 28 29 20 35 26 21 38 36 18 48 21 42 26 22 28 22 19 53 48 21 23 28 18 24 49 22 47 21 22 25 18 24 53 21 53 21 22 25 21 31 62 21 44 22 25 21 34 77 21 34 22 23 25 22 37 52 22 25 24 23 25 23 34 50 22 21 24 22 24 23 28 31 22 21 23 22 23 24 20 24 22 23 22 23 20 18 25 22 22 22 22 23 19 26 22 23 21 36 20 26 22 23 21 66 68 25 21 23 24 21 55 40 17 26 21 23 24 21 53 25 27 21 22 24 23 50 23 21 28 21 22 24 22 48 23 20 26 21 22 24 24 43 25 19 25 21 23 24 25 26 24 28 24 24 24 24 26 30 26 29 24 35 53 20 31 36 35 23 43 54 19 44 35 28 34 22 75 56 19 45 36 24 29 23 26 30 30 29 34

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POLLUTANT - TOTAL HYDROCARBONS

						ONT	ARIO	MINIS	TRY	OF '	THE	ENVIR	ONMENT	- AI	R MA	NAGEM	ENT	BRANC	H.						
				TAL	HYDROC	ARBO	VS						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	SCIE	NCE	CENTRE	DON	MILLS	OAMS	T NO	3400	02		MO	NTH O	СТ	73									
DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	44 17 29 44 22 35 41 17 34 62	42 18 28 24 23 50 38 16 35 62	43 18 24 17 17 58 35 17 38 59	44 17 22 17 15 55 45 26 31 58	44 16 22 15 41 39 24 32 56	44 16 22 15 40 26 17 31 54	45 17 23 16 39 19 16 32 57	49 18 25 16 39 20 17 41 81	27 18 25 16 39 18 16 30 71	18 17 22 16 32 17 16 21 49	17 17 21 16 21 16 16 19 36	17 17 20 16 18 16 16 19 25	17 19 20 20 16 18 17 17 19	17 20 20 20 18 18 18 17 18	18 20 21 16 17 18 17 18	18 21 22 16 18 18 17 18	18 20 22 21 17 18 18 17 19	18 20 21 21 17 18 18 17 19	18 20 22 20 18 18 17 17 21	21 24 20 24 19 17 19 53 21	35 20 24 19 25 40 17 30 55	25 20 24 19 29 49 17 44 47 20	19 21 33 19 33 48 17 38 52	18 23 45 19 35 52 17 35 59 18	28 19 24 21 19 33 22 21 32 38
11 12 13 14 15 16 17 18 19 20	18 46 28 16 17 16 23 22 31 23	18 48 26 16 18 23 22 41 23	17 43 25 16 35 17 22 23 44 29	17 33 23 16 37 15 22 25 36	17 26 22 16 36 15 22 23 51 35	17 27 20 16 37 15 23 21 44 30	18 32 20 16 36 16 25 21 42 25	21 31 21 16 41 17 31 21 46 24	21 30 20 16 45 18 35 20 53 23	20 25 21 15 30 18 32 20 43 21	19 20 15 23 18 26 19 31 21	19 20 15 18 22 24 20 25 21	18 20 19 16 16 19 20 23 21	19 21 19 16 16 23 20 24 21	19 20 19 16 17 25 23 20 26 20	19 20 19 17 18 23 23 20 28 20	20 21 20 17 17 22 22 20 30 20	21 22 19 17 16 22 22 19 28 20	22 23 19 17 16 21 22 19 25 19	27 40 18 17 18 22 22 20 25 18	56 52 18 17 23 22 22 22 25 18	56 63 17 18 22 22 23 25 24 18	48 52 17 18 19 23 23 24 24	46 51 16 18 17 23 22 26 24	25 34 20 16 24 20 24 21 34 23
21 22 23 24 25 26 27 28 29 30	18 62 70 78 56 31 16 14	24 67 73 83 46 29 15 14	37 64 77 91 37 26 15 14 13	40 61 82 93 32 27 15 14 13	41 60 74 93 30 31 15 13	38 62 57 94 30 34 14 13	41 61 53 86 34 36 14 13 13	40 64 57 83 50 46 15 13	36 65 67 126 64 43 15 13	28 63 79 126 87 37 15 13 14	21 50 90 88 78 68 15 13	21 37 100 59 69 143 14 14	21 31 113 64 191 14 14 15	20 29 94 36 49 70 14 16 15	20 27 70 34 35 19 15 14 16	21 25 51 32 31 18 15 14	20 26 44 30 30 18 14 15	21 26 44 32 32 17 15 14 15	21 27 45 32 49 17 16 14 14	42 38 41 46 84 17 16 14	51 58 44 56 103 16 16 14 14 25	54 64 57 56 121 17 16 14 14	55 65 65 64 17 15 14 46	57 70 73 56 32 16 14 13	33 50 68 68 54 41 15 14
31	16	1 4	14	15	1.7	15	16	17	18	16	1.5	15	1.7	17	16	17	18	18	17	16	16	15	14	15	16
MEAN	31	32	32	33	32	30	30	33	34	32	29	29	29	25	22	21	21	21	21	26	31	34	32	31	29

UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROCARBONS STATION - SCIENCE CENTRE DON MILLS DAMST NO 34002 MONTH NOV 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 17 12 13 15 15 16 15 13 14 15 15 22 17 14 14 13 14 16 15 42 16 14 14 13 14 15 15 16 16 16 17 13 16 15 14 53 16 17 13 13 12 14 14 17 20 13 13 15 17 16 17 13 13 14 17 15 17 12 13 14 14 18 15 16 12 13 15 15 17 14 16 13 17 15 15 26 18 16 13 14 14 15 22 17 15 14 15 13 15 15 15 17 15 15 15 15 16 18 16 15 14 13 14 16 17 17 15 13 13 15 16 17 16 18 13 14 13 15 17 16 20 14 14 13 16 17 16 19 13 13 14 16 17 18 16 13 13 15 15 15 17 15 15 15 15 16 19 17 12 13 15 15 17 15 15 13 15 16 22 17 15 19 21 43 13 14 16 36 20 18 48 13 15 14 14 53 18 20 23 16 13 15 25 22 17 22 17 15 13 15 15 17 19 15 14 13 14 15 17 21 15 14 13 14 15 17 18 21 20 14 14 15 19 22 24 13 13 14 15 20 19 65 13 14 15 14 52 12 13 14 15 16 17 18 19 19 19 45 12 16 16 14 17 19 16 12 15 15 15 15 17 19 18 15 12 15 31 14 16 19 18 13 12 15 50 14 16 19 18 13 12 15 74 14 17 20 17 14 12 15 79 15 17 23 17 15 16 16 18 22 17 14 13 18 16 16 17 20 17 15 13 15 16 17 19 16 13 15 14 16 17 20 15 15 13 14 15 17 21 16 14 13 15 14 17 18 21 20 13 15 15 24 20 18 42 13 15 14 41 17 19 20 27 12 17 18 14 17 19 20 22 16 31 15 26 26 27 14 14 25 17 49 26 25 23 14 38 12 44 40 16 15 14 43 12 51 51 16 16 14 43 12 22 23 24 25 26 27 28 29 18 26 16 12 14 17 18 17 15 18 13 15 28 14 12 17 15 18 13 14 31 12 19 20 18 13 15 28 13 23 22 24 14 29 13 45 29 21 14 14 37 13 14 80 27 31 14 14 46 13 41 42 18 16 14 42 15 14 30 37 16 15 14 42 15 19 51 16 14 14 41 12 16 18 51 16 13 14 22 11 16 19 49 15 13 14 11 16 25 42 13 13 14 15 16 37 50 12 13 15 14 12 17 36 36 12 13 15 14 19 26 17 12 14 17 16 20 32 17 12 15 18 18 17 20 16 12 14 18 16 12 16 17 16 13 15 20 15 17 15 17 13 14 25 14 15 17 12 14 24 14 12

PERCENTAGE OF DATA VALID -

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	POLL	UTANT	- TO	TAL H	YDROC.	ARBON	S						UN	ITS -	PART	S PER	TEN	MILLI	NC						
	STAT	ION -	SCIE	NCE CI	ENTRE	DON	MILLS	OAMST	NO	34002	2		МО	NTH E	DEC	73									
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31	15	15	15	1.5	15	14	13	13	14	14	13	13	1 4	13	13	14	15	16	25	23	20	18	17	16	16
MEAN	18	17	18	17	17	16	16	16	16	16	16	15	1.5	15	15	15	16	16	16	16	17	17	18	18	16

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - TOTAL HYDROCARBONS

FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT

VALID

UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	22	39	71
FEB	25	23	4.4	77
MAR	24	25	37	70
APR	24	25	42	76
MAY	31	29	47	8.5
JUN	30	43	73	124
JUL	31	32	61	127
AUG	31	36	53	80
SEP	29	3.4	63	202
OCT	31	29	68	191
NOV	30	18	27	80
DEC	31	16	26	57
YEAR	348	28	73	202

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 UNIT - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - SCIENCE CENTRE DON MILLS DAMST NO 34002 00 TO 10 11 TO 19 20 TO 30 31 TO 60 61 TO 90 91 - 140 141-200 201&OVER TOTAL JAN FEB 1.1 MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

MIN 10 30 50 70 90 95 7 14 3 17.7 21.5 30 1 48 2 57.1

FREQUENCY DISTRIBUTION. PERCENT

77 6

69.9

MAX

27.8

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

	STAT	ION -	D 0	.н вл	ATHURS	ST & V	VILSON	1	NC	3400	0.7		MC	L HTMC	AN	73									
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11 12 13 14 15 16 17 18 19 20	18 13 17 13 12 12 14 18 19	19 11 17 12 12 12 14 16 17	20 9 16 12 13 14 16 18 14	19 10 15 12 11 13 14 16 19	19 10 15 12 14 14 17 21	19 10 15 12 16 13 14 16 23	19 12 15 10 16 14 18 20 13	20 15 10 20 16 16 23 21	22 15 15 10 21 16 18 23 21	205155 10615 16913	20 14 10 15 15 17 21	20 14 14 11 15 16 15 17 21	19 15 16 12 15 16 15 17 21	19 15 17 12 12 17 16 18 22	17 15 17 12 11 17 16 19 22	13 16 13 12 20 17 20	12 14 16 12 12 18 22 24 16	12 14 16 12 12 16 23 30 16	12 18 16 13 12 14 23 28 14	12 13 15 13 12 14 22 27 14	12 15 15 14 13 14 22 25 14	15 14 14 13 13 14 22 22 14	17 15 14 12 12 13 19 21 14	12 16 14 12 12 12 18 19 14	17 14 15 12 14 15 17 20 18
21 22 23 245 267 27 29 30	15 14 16 16 19 23 18 15 14 23	16 14 15 16 19 28 18 15 14 22	16 14 15 16 19 26 18 14 14 21	17 19 14 16 19 25 20 13 14	17 14 16 20 25 19 13 14 22	17 14 16 20 29 17 12 14	17 17 15 16 22 39 15 12 14 22	16 28 17 17 27 45 19 12 15	17 30 18 18 28 51 20 12 15 26	19 22 17 18 24 19 14 15 25	18 19 17 18 21 31 17 14 15 25	17 19 18 18 22 27 19 14 15 22	15 19 18 18 21 27 17 14 15 23	15 20 18 18 22 30 16 14 15 24	15 22 19 16 19 31 15 15 17 24	15 23 18 16 19 24 15 14 18 24	15 28 18 16 19 27 16 14 18 21	15 30 18 17 21 37 17 14 19 21	15 25 17 17 25 31 17 14 19 22	15 26 17 18 27 25 16 14 19 24	15 30 17 19 28 23 15 14 19 22	15 26 17 23 26 21 14 14 21	15 21 17 20 25 20 13 14 23 20	15 19 17 20 24 19 15 14 24	16 21 17 17 22 30 17 14 17 23
31	20	20	20	21	20	20	23	26	28	26	25	25	25	2.5	25	26	29	29	28	27	25	24	25	25	24
MEAN	16	16	1.6	16	16	1.6	17	19	20	19	18	17	17	18	18	17	18	19	18	18	18	18	17	17	17

PERCENTAGE OF DATA VALID - 84

						ONTAR	RIO M	MINIS.	TRY (	OF TI	HE E	NVIRO	NMENT	- AIF	R MAI	NAGEM	ENT E	BRANCH	4						
	POLL	JTANT	- TOT	AL H	DROCA	RBONS	S						UNI	TS -	PARTS	S PER	TEN I	MILLI	NC						
	STAT	ION -	D.O.H	BAT	THURST	& W.	ILSON		NO	3400	7		MON	NTH FE	В	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 N	MEAN
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MEAN	17	16	1.7	17	16	16	17	20	21	19	17	1.6	16	1.6	17	17	18	19	18	19	18	18	18	18	17

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLL	UTANT	- TO	TAL H	POROCA	RBON	5	(1)				1 0 10 <del>0</del> 00 me	UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	D.0 H	H BA	THURST	8 W	LSON		NO	3400	7		MO	NTH M	AR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9	21 23 16 28 12 11 14 13 30	23 28 16 31 12 11 10 13 24	22 36 16 33 12 11 10 18 24 12	21 36 15 25 12 11 10 19 26 12	21 34 14 24 12 11 10 17 22	21 36 14 25 12 11 10 15 17	22 35 14 26 12 14 13 15 16	22 39 16 28 15 22 19 19	22 45 16 26 15 26 21 22 23 16	22 39 15 17 13 25 16 15 19	22 31 17 14 13 22 13 13 14	22 24 17 14 13 17 14 12 14	22 22 17 14 13 14 14 10	22 23 17 13 11 14 16 10	21 24 17 13 13 14 21 11 14 20	22 24 18 13 13 15 20 10 14 20	22 27 19 13 13 17 15 10 17 20	23 25 21 13 14 21 17 10 17	22 20 22 13 13 18 15 12 16 21	21 20 23 12 13 18 16 13 16 20	23 20 24 12 11 16 15 14	24 17 24 13 11 14 16 16 15	25 17 27 13 11 14 17 21 14	23 16 28 13 11 16 15 27 13	22 28 18 19 13 16 15 15
11 12 13 14 15 16 17 18 19	18 12 9 19 12 10 11 8 10	16 9 9 21 10 10 11 8 10	16 12 10 17 11 15 10 8 9	14 12 10 13 11 10 9 9	13 8 11 10 11 9 9 9	13 8 11 10 11 9 9 9	13 9 11 13 16 11 9	14 10 11 18 24 9 9	14 12 11 19 25 9 9	14 11 11 19 23 23 9 9	14 11 11 14 18 10 11 9	15 12 11 11 15 9 11 10	18 9 11 12 9 11 10	18 11 13 13 13 10 11 11	16 9 13 12 9 13 10 10	17 9 13 12 9 13 10 10	15 9 15 11 9 14 9 10 10	14 9 16 14 9 14 8 10 10	14 9 16 12 9 22 8 10 10	16 9 16 12 9 12 8 10 12	18 9 16 10 11 12 8 10 12	17 9 14 11 10 12 8 10 12	16 9 15 12 10 12 8 10 12	14 9 16 12 10 11 8 10 12	15 10 13 14 13 12 9 10
21 22 23 24 25 26 27 28 29	11 13 15 18 24 12 6 16 23	11 13 16 18 22 9 7 13 14	12 13 17 20 19 9 7	12 13 14 27 15 9 7	12 13 14 25 13 9 6 10	12 13 14 23 11 9 6 10 14	12 13 14 23 11 9 6 12 17	13 16 25 12 10 10 14 21	14 13 15 21 12 11 15 14 19 20	13 12 14 13 12 9 10 11 13	14 14 14 11 12 8 9 11 13	11 14 13 11 11 8 9 11 11	11 17 11 11 8 9 9 10	10 15 11 11 11 9 9 9	10 13 11 11 14 9 10 10 13	11 13 11 13 12 9 10 10 15 20	12 12 11 13 12 6 12 12 17	14 12 11 14 13 5 14 11 20 32	13 15 15 17 14 6 15 10 25 28	13 16 17 19 12 6 17 10 22 26	13 16 25 19 12 6 16 10 19 27	11 16 21 19 12 6 17 13 17	11 15 16 21 13 6 18 14 15	11 15 21 24 12 6 18 22 13	12 14 15 18 13 8 11 12 16
31	22	16	17	13	11	11	11	11	13	13	13	13	16	19	13	16	17	17	17	16	14	12	12	12	14
MEAN	15	14	15	14	13	13	14	17	17	15	14	13	13	13	13	14	1 4	15	15	15	15	1.4	14	15	1.4

PERCENTAGE OF DATA VALID - 98

						ONTA	RIO I	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT I	BRANCI	4						
	POLL	UTANT	- TO	TAL H	YDROC.	ARBON	S						UN	ITS .	PART	S PER	TEN I	MILLI	NC						
	STAT	ION -	D.O.I	H. BA	THURS'	T & W	ILSON		NO	3400	7		MOI	A HTM	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	MEAN
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION MONTH JUL STATION - D.O.H. BATHURST & WILSON NO 34007 24 MEAN HOUP 1 234567891 1 1123415617890 2 122345672230 21 19 14 11 18 18 24 26 14 19 21 16 11 20 16 24 24 15 16 24 12 11 17 17 25 24 14 10 15 9 12 15 20 14 13 21 7 16 20 22 23 14 16 12 8 21 21 23 24 14 17 18 13 10 20 19 24 24 14 14 16 20 8 15 19 20 23 18 10 13 18 2 16 13 16 21 20 15 3 10 12 15 20 16 8 11 18 7 9 19 15 8 12 16 20 16 11 21 21 8 14 17 20 22 14 15 21 15 8 18 21 22 23 15 23 13 26 11 10 18 17 26 24 13 24 9 14 22 17 27 23 12 21 27 10 16 25 23 26 22 19 28 9 13 22 23 23 22 15 17 34 14 19 20 24 26 17 13 25 5 13 16 19 22 27 9 11 15 2 14 12 16 21 18 12 27 9 14 23 19 26 24 13 14 21 10 15 41 18 25 20 15 22 10 15 24 21 24 20 15 14 6 13 16 19 13 17 20 13 8 12 11 9 14 5 11 10 9 17 10 11 8 19 10 12 12 14 16 10 9 12 10 8 16 18 12 11 9 16 9 16 11 9 16 18 10 16 12 10 19 20 10 14 14 10 23 24 11 12 13 14 26 24 12 12 14 16 29 12 12 16 14 28 26 10 13 12 12 17 11 12 11 16 18 26 21 10 15 13 11 9 14 12 10 13 21 8 12 10 10 15 13 11 13 17 19 17 13 10 17 15 13 16 11 14 13 15 17 17 11 14 24 17 11 15 17 17 12 13 14 14 12 28 9 11 8 12 13 DATA MISSING MISSING DATA MISSING DATA MISSING DATA MISSING 14 15 16 16 17 18 18 16 15 \*\*\*\* 0000 0000 0000 MISSING MISSING MISSING MISSING DATA DATA DATA DATA MEAN 

						ONTAR	RIO N	INIS	TRY	OF TI	HE E	NVIRO	NMENT	- AI	R MAI	NAGEMI	ENT	BRANCH	1						
	POLL	UTANT	- TOT	AL HY	OROCA	RBONS	5						UN	ITS -	PART	S PER	TEN	MILLIC	N						
	STAT	ION -	D.O.F	BA1	THURST	8 W	LSON		NO	3400	7		MO	NTH A	UG	73									
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3 4	12	10 10	10 10	12	10	12	13	12	11	10	10 8	9	10	6 7 12	5 7 11	8 12	12 9 13	11 9 14	12 9 13	11 15	15 16	8 16 15	8 23 15	11 25 15	10 11 14
6	20 12 23	16 15 23	15 15 21	14 14 17	16 13 17	17 12 18	16 12 20	12 13 23	12 13 24	14 12 20	14 12 17	14 14 18	12 13 13	14	15	15	18	18	20	25 20	21 18	24	26 21	25 25	16
8	22 31	19 26	19	19	20 23	23	26 29	26 28	26 26	26 25	26 24	24	20	19	24	26 11	23	26 13	30	30 23	34	30	30	29 11	25 19
10	9	10	10	8	-6	7	16	17	14	13	12	11	9	9	10	17	15	10	9	1.1	12	16	22	21	12
11 12	18 15	16 15	25 14	14	14 12	15	16 15	15 11	12 11	12 11	9 11	12	7 10	8	9	10	10	13	15	12	12 19	12	13	14	13
13 14	14	14	13 16	13 16	14	16	17 39	15 32	12	12 16 10	13 11 10	13 11 10	11	12 11 11	10 14 14	14 16 14	14 15 16	14 18 20	17 21 23	18 23 25	17 19 18	18 11 15	15 11 16	13 12 17	14 18 14
15 16	12 17 19	13 15 14	10 15 15	10 15 16	10 16 15	12 17 15	14 23 17	14 24 18	11 18 15	16	15	14	14	15	17	23	13	11 17	16 14	23	21	19	24	23 8	18
17 18 19	10	12	8	7 7	7 8	8	10	9	10	10	9	9	8	8 7	11 6	10	10	12	12	14	14	13	14 16	16 18	10
20	16	19	19	16	20	23	21	16	14	13	11	12	11	10	10	1 Ŏ	12	11	11	12	13	11	12	11	14
21 22	11	12	12	10	9 13	10 17	12	11	98	7 10	8 11	11	10	1 1 7	8 7	9	8 8	8	10	11	9 11	10	10	10	9 10
23 24	15 12	18 10	19 11	21 13	32 13	26 17	23 20	23 16	17 16	18 14	18	12	13	15	14	12 15	11	10 13	12	12 18	14 21	15 21	15	13	16 15
25 26	28 18	22	19	18 18	16 17	19	19 16	17	14	15 16	18 16 17	15 17 15	16 14 14	13 14 13	14	14 15 19	15 17 16	15 12 15	17 15 16	18 16 19	19 17 20	18 20 22	18 21 19	16 18 18	17 16 19
27 28	19	17	17	17 8	15 8 12	17 10 14	26 10 13	34 10 12	23 9 9	18 9 7	7 8	8	10	13	13	15	13	15	16	14	13	13	14	17	12
29 30	17	16 10	15	12	12	12	15	22	16	8	9	8	12	9	10	12	12	14	14	20	24	24	20	21	14
31	16	17	13	13	11	15	21	19	18	17	17	0.0.0	15	1.7	21	22	85	6000	89	132	85	69	63	66	38
MEAN	16	15	1.4	13	1.4	1.6	1.7	17	15	14	13	13	11	1.1	12	14	16	14	1.7	20	19	17	18	18	15

PERCENTAGE OF DATA VALID - 98

PERCENTAGE OF DATA VALID -

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

	STA	TION	- D.O	H B	ATHUR	ST &	WILSO	N	N	0 340	0.7		M	HTMC	SEP	73									
HOUR	1	2	3	4	5	6	. 7	8	9	10	11	12	13	14	1.5	16	17	18	19	20	21	22	23	24	MEAN
1 2	30 16	31	32	31	35	37	31	28	26	25	23	21	20	20	21	17	22	24	24	26	17	16	17	16	25
3 4 5 6 7 8	** * * 22 22	**** 25 22	24 19	24 22	24 23	25 29	27 28	29 23	**** 21 21	**** 17 22	**** 16 21	18 16 21	DATA	MISSI MISSI MISSI 18 18	ING -	19 16 17	16 16 21	19 17 22	20 21 22	21 24 21	22 27 22	22 29 22	19 27 22	21 22 26	22 22
9 10	23 25	24 25	26 30	26 32	26 35	27 45	26 61	25 40	21	20 34	22 34	22 32	21 27	19	19 25	18 24	21 19	22	23 23	24 24	23 23	21	24 18	27 17	23 29
11 12 13 14 15 16 17 18 19 20	15 15 22 18 14 11 16 9	16 28 16 15 12 15 8 14	14 16 27 16 15 13 15 7	16994 1326 1660 10	15 17 33 14 13 96 19	17 18 46 18 18 18 7 23	21 23 41 24 18 9 26 7 36 8	15 24 35 22 16 11 30 10 27	12 20 29 18 13 9 20 8 21 6	12 18 20 16 17 9 15 7	12 16 14 18 16 10 13 7 16	10 10 13 18 13 10 15 7	10 10 11 17 12 9 14 8 9	8 14 14 10 9 14 7 8	8 14 15 15 11 9 15 8 7	8 13 26 17 14 9 19 8 10 7	10 12 25 19 16 9 19 9	13 13 22 16 10 9 17 11	16 18 23 17 13 11 14 13 10 9	18 17 20 18 12 12 11 15 10	17 21 20 19 11 14 11 20 10	12 25 21 24 11 17 11 25 10	15 27 17 26 11 17 11 30 10	16 26 17 15 11 17 10 30 9	14 18 24 18 13 11 16 11
21 22 23 24 25 27 28 29 30	18 10 14 6 9 19 12 10 21 34	22 12 19 6 9 16 13 10 19	21 10 19 7 11 16 14 11 18 20	18 10 14 7 10 17 14 12 14	20 10 11 8 14 23 17 14 11 24	21 10 11 10 22 26 24 15 12	38 16 11 11 21 28 22 17 13	41 19 10 15 16 24 18 15 16	17 15 10 14 14 16 14 15	16 12 13 15 16 14 17	19 17 12 13 14 12 15 85	17 17 9 11 12 14 10 13 7	18 17 8 12 15 10	15 11 8 12 12 13 12 13 8 8	15 8 8 15 14 17 12 20 8	16 76 15 14 22 13 21 8	15 5 7 14 14 20 12 21 8 9	14 6 7 17 15 22 10 24 8 13	21 8 7 15 14 23 10 23 11	24 9 8 16 17 29 10 23 12	21 10 9 15 20 31 9 24 14 26	16 8 12 13 17 25 9 26 12 22	11 10 10 12 16 19 9 27 17	10 11 7 12 20 15 9 23 26 17	19 11 10 12 15 20 13 18 13
MEAN	1.7	1.7	17	1.7	18	21	23	2.1	1.7	16	1.5	1.4	1.3	1.3	1.3	14	1.5	15	1.6	17	1.8	18	1.8	17	17

PERCENTAGE OF DATA VALID - 84

						ONTA	ARIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- A	IR MA	NAGEN	ENT	BRANC	Н						
	POLL	UTANT	- TO	TAL H	YDROG	CARBON	1S						UN	IITS	- PART	S PER	TEN	MILLI	ON						
	STAT	ION -	D.O.	н ва	THURS	ST & V	VILSON		NO	3400	17		MC	NTH (	DCT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1.5	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4	17 12 21 1	15 12 13 1	14 10 12 1	13 10 13 2	13 10 15 2	19 15 15	30 19 20	26 21 18	16 18 13	12 15 12	12 18 13	12 16 11	12 18 13	13 21 13	13 21 17 ****	16 23 13	19 20 11	16 18 11	15 19 13	17 17 15	17 13 12	15 15 10 ****	12 15 16	12 15 13	16 16 14
6 7 8 9 10	21 26 17 18 28	20 24 17 18 28	20 21 16 17 26	20 21 16 17 28	21 20 17 17 17	33 21 17 20 40	36 21 18 25 53	23 20 19 28 46	22 20 19 26 34	23 19 19 23 26	27 18 19 20 30	23 18 20 20 22	21 19 19 18 20	21 19 18 19 20	21 18 18 20 20	21 18 18 24 22	17 17 19 26 25	23 18 20 28 27	26 18 22 35 26	26 18 22 38 24	27 21 22 44 22	25 20 22 49 20	26 19 22 39	25 18 20 34 17	24 20 19 26 27
11 12 13 14 15 16 17 18 19 20	16 22 23 6 7 12 16 21 21	16 21 21 7 7 12 12 19 23 21	15 18 17 7 7 12 12 17 21 20	15 17 15 6 10 12 12 17 22 20	17 21 15 8 7 12 11 14 21	21 23 14 9 9 12 16 13 23	22 27 18 9 15 12 23 18 32 7	28 29 18 19 14 15 37	24 28 19 19 15 17 13 7	23 220 8 16 13 13 17	21 20 17 8 13 12 11 27	20 19 17 7 14 12 11 11 22 16	18 15 6 12 11 11 12 21	17 18 13 6 10 12 11 23 16	17 37 13 6 25 12 13	21 25 12 6 11 12 12 27 28 17	22 28 11 7 12 13 20 34	229 100 133 126 18 31 18	22 25 11 14 14 15 19 28 18	21 24 99 16 14 19 25 18	21 24 7 9 17 13 16 20 218	19 22 7 9 16 13 18 20 21 17	31 22 7 9 15 13 15 21 19	27 23 8 8 14 15 22 20 17	21 23 14 8 13 13 14 17 26
21 22 23 24 25 26 27 28 29 30	18 43 54 30 24 20 14 20 15	22 43 48 27 24 17 14 19	21 45 46 32 24 16 14 18	23 46 49 29 25 15 13 17 14	26 46 43 31 27 17 14 17	24 47 48 40 31 19 14 17	23 553 56 46 25 18 15 12	24 66 70 47 29 18 20 15	25 70 75 56 52 24 16 18 22	23 56 61 52 47 19 16 19	21 42 47 43 32 17 17 19 18	20 32 40 33 23 17 20 17	19 26 32 29 23 15 16 16 15	18 23 27 26 21 14 17 20 17	18 28 26 20 14 17 20	18 30 32 29 22 15 21 19 18	200155569 335219 1120	23 32 30 40 28 15 21 18 20	28 37 30 34 25 15 20 19 18 22	28 32 34 31 15 20 18 18 22	29 36 43 20 16 20 17 17 22	30 54 53 31 17 17 21 16 16 31	36 55 48 29 19 16 21 17 15 30	41 54 37 27 21 15 19 16 14 25	24 43 44 36 28 17 17 18
31	22	20	19	1.8	20	22	24	32	27	23	22	27	26	25	25	25	29	29	23	21	20	17	16	16	23
MEAN	20	19	1.8	18	19	22	26	28	26	23	21	19	18	18	19	20	21	21	21	21	21	22	22	21	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

						UNIA	110 N	111413	ener	OF 1		1441110					#255 B	E. 10 W.E.							
	POLLU	JTANT	- TO	TAL H	POROCA	RBONS	5						UN	ITS -	PARTS	S PER	TEN A	MILLI	N						
	STATI	ION -	D.O.	H. BA	THURST	& W1	LSON		NO	3400	7		MO	NTH N	ov :	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	<b>MEAN</b>
DAY 1 2 3 4 5 6 7 8	15 19 15 13 12 13 15 22	14 17 17 13 13 13 15 18	15 16 17 13 14 12 15 18	15 16 15 13 13 14 15 17	14 16 15 13 14 15 17	14 17 15 13 12 14 15 16	15 20 15 13 12 14 17	16 23 16 13 14 17 19 21	15 25 16 12 14 17 21 21	15 16 12 14 17 18 19 18	14 20 16 12 14 20 18 16	13 30 16 12 15 18 16 16	14 25 16 12 12 12 18 16 14	14 23 16 12 12 12 18 16 16	15 20 16 12 13 20 18 15	14 19 16 12 13 17 17 15	15 19 16 12 13 16 18 15	15 19 16 13 13 16 21 16	15 17 16 13 13 16 22 16	17 15 16 12 13 16 25 16	17 15 16 12 12 15 26 16	18 15 14 12 12 15 28 16	18 15 14 12 12 15 26 16	18 15 14 12 13 15 24 16	15 19 16 12 13 15 19
10	18	19	19	18	19	19	19	19	20	20	20	19	18	18	18	18	18	19	19	19	19	18	18	18	19
11 12 13 14 15 16 17 18 19 20	18 18 17 8 27 2 9 12 12	18 18 16 8 32 2 9 13 11	19 18 16 7 30 2 9 13 11	19 17 16 7 24 2 9 12 11 33	19 17 16 8 19 2 9 12 11 27	19 17 16 10 16 2 9 13 11	19 19 14 10 16 3 10 13 15 23	19 26 15 11 24 5 11 13 21 32	18 27 19 12 26 6 12 13 23 30	19 25 16 12 26 6 13 12 21 26	19 23 16 12 25 7 11 12 19 23	19 22 16 12 24 6 11 14 18 21	19 21 10 11 23 6 11 14 20	19 21 12 10 23 8 10 15 21	19 19 10 10 10 8 10 15 21	19 21 10 12 9 7 10 15 18	19 23 12 14 10 8 10 15 17 22	20 23 12 18 11 9 10 15 16 22	20 21 12 24 7 8 10 16 19	20 19 13 27 6 7 11 16 28 16	20 19 16 25 4 7 11 16 36 15	19 18 14 37 3 9 11 15 31	19 17 9 42 3 9 11 15 34	18 17 7 39 2 8 11 13 48 14	19 20 14 16 17 6 10 14 21
21 22 23 24 25 26 27 28 29	16 17 28 47 16 22 15 41 14	14 16 24 30 17 21 15 38 15	14 16 28 25 17 20 15 31 14	14 17 27 23 16 19 15 25 14	14 17 25 23 16 19 15 19	14 18 23 24 14 19 15 18 15	17 20 24 25 13 22 19 18 17	25 22 35 26 13 29 27 20 18 20	27 22 37 26 14 33 29 28 18 20	23 22 31 23 15 26 26 22 18	22 20 24 22 16 21 24 20 17 18	19 22 21 16 24 25 18 17	22 18 19 20 17 24 27 16 18	23 18 18 20 17 22 29 17 16	25 18 19 21 17 23 34 17 16	25 23 22 20 16 22 36 17 15	30 29 24 21 17 24 47 16 17	33 37 27 24 18 25 48 16 17	25 45 28 31 18 22 48 16 17	22 41 26 29 20 20 49 16 17	20 35 26 24 25 18 52 15 17	19 29 33 20 25 17 54 15 17	18 37 28 16 25 16 44 15 17	20 28 34 16 25 16 44 15 17	21 24 26 24 18 22 31 20 16
MEAN	19	18	17	16	16	15	16	20	21	19	18	18	17	17	17	17	18	19	20	20	19	19	19	19	18

PERCENTAGE OF DATA VALID - 99

						ONTAR	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEMI	ENT E	BRANCH	4						
	POLL	JTANT	- TO	TAL HY	DROCA	RBONS	S						UN:	ITS -	PART	S PER	TEN I	MILLIC	NC						
	STAT	ION -	D 0 F	BA1	THURST	8 W	ILSON		NO	3400	7		MON	NTH D	EC	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
DAY 1 2 3 4 5 6 7 8 9	16 32 30 18 15 19 19 13 16	17 30 30 18 15 19 19 13	19 26 28 18 15 19 19 12 12	20 25 26 19 14 18 20 12 10	20 22 26 19 15 18 20 13 8	21 27 19 16 18 20 13 8	23 21 30 22 21 20 21 14 9	24 23 37 25 29 22 24 15 8	24 21 36 23 34 23 24 15 8	23 20 27 20 33 23 24 16	22 19 23 20 28 22 24 16 11	21 18 20 19 25 23 24 16 11	21 18 18 22 26 23 24 16 11	20 18 17 23 21 23 14 15 10	20 18 19 26 19 24 14 15 10	20 20 27 18 22 15 14 10	21 23 24 29 18 25 17 14 10	22 24 24 25 21 25 17 13	23 21 21 21 21 24 17 13	24 19 19 18 23 16 11	30 27 18 17 18 21 18 11	37 27 17 17 18 20 20 13 15	36 32 17 16 19 19 25 16 13	34 31 17 15 19 19 17 11	23 24 21 21 21 20 14 11
11 12 13 14 15 16 17 18 19	12 12 25 14 19 23 19 13 28	12 12 26 12 18 23 19 14 28	11 13 27 12 18 21 18 15 26	12 12 26 12 17 21 18 15 22 13	13 12 26 12 17 21 19 15	14 16 26 14 18 21 18 17 18	11 17 29 16 18 22 16 18 20	34 18 17 22 16 20 24 21	37 18 17 21 15 20 29 22	31 18 16 20 14 18 24 22	25 19 16 18 14 17	10 24 18 16 18 13 18 23	10 21 16 15 17 12 18 21 20	21 16 16 17 13 17 19	12 22 16 16 17 12 15 20 17	14 26 18 17 17 12 17 22 19	13 31 28 19 19 19 13 18 22 20	12 27 27 22 24 20 14 22 20	15 25 24 20 22 22 12 22 18 20	12 25 19 19 21 22 12 21 17	13 26 16 20 22 22 12 21 16 14	14 23 14 20 22 21 12 23 16 13	12 22 14 18 22 19 11 25 15	12 23 13 19 22 19 11 24 14	12 20 24 17 19 20 14 18 21
21 22 23 24 25 26 27 28 29 30	16 15 12 17 12 12 11 13 16	16 17 13 18 12 10 10 13 17	16 15 14 20 12 9 10 14 16 13	15 15 14 22 12 13 15 13	16 14 13 20 12 9 12 13 15	15 14 13 20 12 9 13 13 16	14 14 13 22 12 13 17 14 17	15 16 13 24 12 15 15 17 15	16 16 14 23 12 19 20 17 16	14 22 15 22 14 18 17 16 15	14 23 14 21 12 16 17 16 16 18	12 21 12 22 12 14 18 15 18	13 19 12 13 15 19 14 17	13 17 12 18 15 14 19 16 16	12 18 12 16 17 18 19 15 16	12 19 13 14 18 21 19	14 20 14 14 17 21 21 28 21	15 18 16 13 17 21 23 22 22 17	15 16 18 14 16 17 21 21 20 17	16 15 17 15 14 15 20 22 16 17	16 15 14 15 12 13 19 19 13	16 14 17 13 12 11 16 17 12	17 14 16 12 10 16 16 16	17 12 17 12 13 10 14 16 13	15 17 14 18 13 14 17 16 16
31	16	16	17	17	18	17	18	18	18	19	18	17	19	16	0.000	26	24	26	26	26	23	19	19	19	20
MEAN	17	17	16	16	16	17	18	20	20	19	18	18	17	16	17	18	20	20	19	18	18	17	1.7	17	18

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

UNITS - PARTS PER TEN MILLION

132

ARITH MEAN

15.9

MAX

132

STATION - D.O.H. BATHURST & WILSON NO 34007

346

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN

0

10

8 0

30

11.8

14 6

PERCENT OF DATA

VALID

91

POLLUTANT - TOTAL HYDROCARBONS

YEAR

24-HOUR MAXIMUM MAXIMUM READING MONTH DAYS OF VALID DATA AVERAGE CONC. JAN 28 17 30 51 26 46 FEB 28 17 31 28 45 MAR 14 APR 30 15 22 34 31 25 39 MAY 13 JUN 26 9 15 34 JUL 22 15 23 41 38 132 AUG 31 15 27 29 SEP 17 61 OCT 31 21 44 75 NOV 30 18 31 54 DEC 3.1 18 24 37

44

16

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MAN	AGEMENT BR	ANCH	
MONTHLY G	ROUP FREQUE	NCY CLASSIFI			m 130m maxim 11	1000 / 1000 0			
POLLUTANT	- TOTAL HY	DROCARBONS			UNIT	- PARTS PE	R TEN MILLI	ON	
STATION -	D.O.H BAT	HURST & WILS	ON	NO 34007					
	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL
JAN	13	445	166	8	0	0	0	0	632
FEB	27	477	146	21	Ø	0	0	0	671
MAR	164	450	108	12	0	0	0	0	734
APR	111	518	87	3	0	Ö	0	0	719
MAY	311	305	118	5	0	0	0	0	739
JUN	356	199	16	2	0	0	0	0	573
JUL	92	267	102	2	0	0	0	0	463
AUG	1.71	445	103	7	6	7	0	0	733
SEP	137	284	164	23	1	0	0	0	609
OCT	4.5	331	247	78	6	0	0	0	707
NOV	59	453	161	40	0	0	0	0	713
DEC	27	478	212	1 4	0	0	0	0	731
YEAR	1513	4652	1630	215	13	1	0	0	8024

17 5

CONCENTRATIONS
FREQUENCY DISTRIBUTION, PERCENT
50 70 90 95

23 4

26.9

98

33 0

99

40 0

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

									53 11 4 1	-	100					100000000000000000000000000000000000000		200								
	POL	LUTANT	- TO	TAL I	HYDROC	ARBO	IS						U	NITS	- PAR	TS PEF	TEN	MILLI	ON							
	STA	TION -	ELMO	CREST	ROAD,	ETOE	ICOKE		NC	3500	03		M	ONTH .	JAN	73										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5	21 22 20 20 19	21 22 20 20 19	21 22 20 20 19	21 22 20 21 19	21 22 35 20 20	21 22 41 19 20	21 22 31 18 20	21 22 33 18 20	21 22 25 18 20	21 22 21 18 20	21 22 21 18 20	21 22 20 19 20	22 20 20 20 20 DATA	22 19 20 19 20 MISSI MISSI	22 18 20 19 * * * *	22 19 21 19 ****	22 19 22 18	22 19 22 17	22 20 21 18	22 20 21 18	21 20 21 18	21 20 21 18	21 20 21 18	22 20 21 19	21 21 23 19	
8 9 10	47 17	57 17	23 17	22 17	22 18	20 18	20 18	20 18	21 19	19 19	18 18	19 17	18	17	21 17 17	21 17 17	20 17 18	28 17 18	20 16 18	20 17 18	31 17 18	72 17 18	57 16 18	37 16 18	21 18	
11 12 13 14 15 16 17 18 19 20	19 18 19 17 18 19 18 20 25	18 17 19 16 17 19 17 20 25	18 17 19 16 17 19 17 20 24	18 17 19 16 17 20 17 20 23	18 18 19 17 18 19 18 20 24	18 18 20 17 18 18 16 20 24	18 18 20 17 18 18 16 20 23	19 19 17 20 19 18 20 20	19 19 19 17 19 20 18 20 21	19 18 18 17 18 19 18 20 23	18 18 17 16 18 19 18 20	18 18 17 16 18 19	18 18 17 17 18 19 20 18 18	17 17 19 16 17 18 20 19	17 16 18 16 17 17 20 19	17 17 18 17 17 17 20 19	17 17 18 17 18 17 20 20 18	17 17 18 17 18 17 20 21 18	17 16 18 17 17 17 24 20	18 17 18 18 17 17 26 20	18 18 18 17 17 25 20	18 18 18 17 17 17 25 22 17	18 17 17 17 16 17 22 25 16	18 18 17 18 17 17 20 24	18 18 17 18 18 20 20	
21 22 23 24 25 26 27 28 29 30	18 21 23 18 22 18	18 19 22 18 22 18	19 19 34 18 22 18	**** 19 20 31 18 23 18	18 22 41 18 22 18	* * * * * * * * * * * * * * * * * * *	18 29 28 17 22	19 34 33 17 22	* * * * * * * * * * * * * * * * * * *	18 28 28 18 21 20	18 26 21 18 21 18	17 18 25 19 18 21	DATA	MISSI MISSI 18 18 25 21 30 22 18	NG -	17 18 27 20 20 21	18 18 28 19 22 18	18 18 24 19 22 18	18 18 22 19 20 20	18 19 23 19 20 18 18	18 19 24 19 21 18 18	17 20 24 19 21 18 18	17 26 26 19 21 18 18	18 23 24 19 21 18 18	19 25 24 20 21 18	
31	18	18	18	19	19	19	20	22	22	22	21	21	22	21	21	21	21	22	22	22	22	21	20	20	21	
MEAN	21	21	20	20	21	21	20	21	21	20	10	10	10	20	10	10	10	10	10	10	20	21	21	20	20	

PERCENTAGE OF DATA VALID - 76

						ONTA	OIR	MINIS	STRY	OF	THE I	ENVIR	DNMEN	T - A	IR M	ANAGEN	MENT	BRANC	H						
	POL	LUTANT	- TO	TAL I	HYDRO	CARBON	IS						U	NITS	- PAR	TS PEF	R TEN	MILLI	ON						
	STA	TION -	ELM	REST	ROAD	ETOE	SICOKE		N	350	03		M	ONTH I	FEB	73									
HOUFI	1	2	3	4	5	6	7	8	9	10	11	12	1.3	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	20 20 17 16 16 19 21 29 17	20 19 16 16 19 20 23 22	20 18 16 15 17 19 23 23 29	20 19 16 17 19 21 26 21	20 19 16 16 16 19 21 26 21	20 19 16 16 19 21 24 22 18	20 19 16 17 19 20 24 25 18	24 23 16 17 18 19 21 23 26	27 24 17 18 19 20 21 23 29	27 28 17 18 18 19 20 22 28	23 29 17 18 18 19 18 20 24	20 30 17 17 18 20 18 19 20	20 37 17 18 18 20 18 21 19	17 18 18 21 18 20	22 75 16 17 18 20 18 19 15	22 71 16 17 20 20 18 19 14	22 44 16 17 21 20 18 18 15	21 52 16 17 20 21 17 17 15	20 40 16 17 20 21 18 17 15	20 26 16 17 19 24 18 18	20 18 16 17 18 22 19 18 16 23	20 17 16 16 18 21 19 17 14 27	20 17 16 18 20 24 18 15	20 17 16 18 20 27 18 16	21 30 16 17 18 20 20 21 20
11 12 13 14 15 16	27 17 23 31 16 20 19	23 17 22 23 21 23 18	22 17 24 26 16 22 19	22 17 24 35 16 22 20	18 17 25 29 16 22 21	18 18 24 31 16 24	18 19 26 39 20	18 21 29 41 17	18 23 34 32 18	17 22 28 30 19	18 20 24 26 17	18 21 23 21 19 26	18 18 19 19 19 23	18 19 19 21 18	18 18 20 19 21 17	18 19 20 18 20 17	17 20 21 19 20 17	17 20 29 19 19	18 22 29 18 19 19	19 24 28 17 19	19 42 28 18 19 21	20 42 28 18 20 22	20 27 35 20 20 22	19 28 39 21 20 21	19 22 26 25 19 21
18 19 20		,	***	****				0000	0 0 0 0		* * * *			MISS		19	17	19	21	21	20	23	24	25	••••
21 22 23 24 25 26 27 28	18 20 22 30 21 19 20 25	18 19 39 20 24 24 19 25	19 18 42 20 25 28 19 26	20 18 29 21 24 23 19 26	20 18 25 21 25 24 19 27	21 18 24 20 37 26 20 30	26 19 23 21 31 25 20	26 26 26 21 29 30 23 27	23 23 34 21 24 24 22 25	24 17 25 21 24 24 22 23	25 17 22 22 22 24 22 21	24 17 20 22 22 22 20 19	19 16 17 17 19 21 17	19 17 17 17 20 23 18 19	19 17 17 18 21 ****	19 16 17 18 21 19 18 22	20 17 16 18 21 22 18 20	23 18 18 20 20 22 19	28 18 17 19 19 22 19 23	23 17 17 19 19 24 23 24	22 18 18 19 20 24 48 22	20 19 18 21 21 31 36 26	22 19 19 24 21 38 34 24	22 23 19 29 21 34 36 24	22 19 23 21 23 25 23 24
MEAN	21	21	22	21	21	22	22	23	23	22	21	21	19	19	21	21	20	21	21	20	22	22	22	23	21

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - ELMCREST ROAD, ETOBICOKE NO 35003 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 24 MEAN 24 17 16 20 22 22 19 20 24 16 17 20 23 30 21 21 24 17 18 19 21 32 23 27 17 18 19 30 24 25 27 17 19 19 29 22 24 26 17 18 19 30 20 25 26 17 18 18 20 24 23 22 17 18 18 18 20 21 19 18 17 18 17 20 19 20 17 18 18 17 20 23 20 17 19 18 17 21 25 18 17 19 18 18 20 18 17 18 18 17 19 26 18 18 17 18 19 18 19 24 18 17 18 19 18 19 24 17 16 18 17 19 23 18 18 16 20 18 19 19 21 19 18 17 19 18 23 19 21 27 17 18 19 31 22 17 17 19 18 19 21 18 19 17 20 18 20 19 21 24 18 17 20 18 22 19 20 24 18 17 19 17 22 19 20 22 22 17 19 18 23 19 21 17 18 18 20 22 21 19 19 17 19 16 DATA DATA DATA 19 19 19 19 16 MISSING MISSING MISSING 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 29 19 19 17 20 20 18 18 20 17 19 19 18 19 19 18 19 19 18 19 19 18 19 19 19 20 20 22 20 21 22 18 20 21 23 20 21 73 20 20 76 20 25 21 20 20 21 20 20 37 21 20 35 21 21 26 22 21 23 21 21 24 21 21 23 21 21 20 21 22 22 DATA MISSING 19 20 22 23 20 24 18 19 20 21 25 22 23 19 18 21 21 24 22 18 18 18 21 23 21 26 20 18 21 20 23 22 18 21 21 20 23 23 23 23 22 24 19 22 28 25 26 19 22 22 23 26 24 20 23 22 21 29 20 21 20 23 20 20 23 23 22 22 24 22 23 22 22 24 22 22 23 24 25 26 20 23 25 25 25 20 23 \* \* \* 24 24 31 22 24 23 32 21 24 23 27 19 21 23 21 27 20 20 20 23 20 24 18 23 22 23 25 24 20 26 30 20 23 25 21 24 23 22 25 22 20

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24 25 26 27 28 29 30	31 25 24 30 28	33 24 25 31 29	36 24 25 29 31	37 24 26 26 35	36 28 26 25 36	37 27 25 25 25	33 28 25 26 36	30 27 25 27 36	30 27 23 26 32	28 25 22 25 27	27 24 23 25 25	26 24 22 24 24 24	26 23 22 24 23	MISSI 29 25 22 23 24 22	NG - 24 24 22 23 23 23	21 23 21 23 21 22	22 23 20 24 21 22	22 25 20 27 20 22	23 24 26 27 21 22	22 21 24 27 23 23	22 20 24 26 27 23	24 24 27 30 24	27 26 24 28 29 24	29 32 25 28 28 24	28 24 25 25 27
MEAN	23	25	25	25	25	26	26	24	23	22	21	20	20	19	19	18	18	18	18	20	20	22	23	23	22

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION -ELMCREST ROAD, ETOBICOKE NO 35003 MONTH JUL HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 31 26 27 25 26 24 35 25 25 27 20 22 24 24 24 19 26 22 22 23 20 22 22 19 22 18 18 19 23 17 16 21 19 21 17 16 21 19 20 17 16 21 21 20 18 15 21 22 19 18 25 22 19 19 26 25 21 21 25 24 22 23 17 27 25 27 21 21 32 29 40 26 27 26 33 29 40 24 26 35 30 40 23 28 37 30 36 24 29 34 31 34 24 27 29 29 32 23 26 27 27 31 22 26 25 26 23 25 19 26 26 24 25 21 22 23 23 19 18 47 23 27 DATA DATA DATA MISSING MISSING MISSING MISSING 16 17 16 17 18 15 16 16 16 12 13 14 15 16 17 18 19 20 DATA 16 29 25 26 31 16 16 16 17 16 16 16 15 16 16 26 16 16 16 15 16 17 23 15 16 15 16 22 20 22 16 21 15 17 17 22 20 22 20 20 15 16 17 15 16 16 22 15 16 18 15 17 17 15 16 23 17 22 16 24 15 24 29 27 24 16 15 21 27 32 25 16 17 28 16 17 20 15 17 17 16 27 23 24 27 16 16 31 23 24 26 17 17 23 23 25 26 18 18 26 27 37 31 23 18 23 27 30 23 22 17 20 23 21 19 21 16 18 17 18 20 20 23 21 16 15 16 17 25 28 29 21 17 18 19 25 27 20 17 17 22 23 24 25 26 27 28 29 30 28 26 31 19 29 18 20 22 26 18 18 20 17 17 22 25 25 18 20 21 26 25 30 18 26 20 19 20 24 22 23 22 24 24 29 21 23 26 22 24 28 19 28 18 20 23 26 30 26 29 19 30 18 22 23 26 32 26 31 19 26 18 21 23 29 24 26 32 20 30 18 21 23 38 27 28 27 21 25 19 22 24 38 23 24 27 22 25 19 22 24 32 20 20 20 27 19 22 23 29 17 17 17 23 26 19 23 19 21 17 17 17 23 19 21 22 21 17 17 17 25 21 19 20 24 22 18 17 18 24 20 19 20 24 22 18 18 24 20 19 21 22 22 21 20 18 24 20 19 22 23 22 29 26 18 27 20 19 20 24 22 29 30 18 34 19 20 26 22 28 26 31 23 25 19 24 42 17 17 19 22 24 18 23 20 21 17 17 17 22 22 19 22 21 21 32 31 18 38 20 20 19 25 22 17 22 23 23 18 22 21 22 19 21 22 31 MEAN 

PERCENTAGE OF DATA VALID - 79

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	POLI	LUTAN	т - т	OTAL	HYDROC	CARBON	IS						UN	NITS -	PART	TS PER	TEN	MILLI	ON						
	STA	TION	- ELM	CREST	ROAD.	ETOB	ICOKE		NO	3500	03		MC	NTH A	UG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
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ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLL	UTANT	- TO	TAL F	IYDROC	ARBON	S						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	ELMC	REST	ROAD,	ETOB	ICOKE		NO	3500	3		MOR	NTH SI	EP	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	18 20 19 21 22 17 16 23 25 36	19 20 28 23 23 19 16 20 27	19 20 20 22 26 21 16 20 21 20	21 20 20 31 27 18 16 19	23 27 20 25 27 18 16 18 19 22	23 22 21 24 31 19 18 19 20 31	23 20 25 30 32 19 17 18 20 35	22 19 22 25 24 18 17 18 19 29	22 18 21 18 20 16 16 18 19 25	20 16 16 19 21 15 16 17 18 20	21 15 15 17 21 14 15 17 17	19 15 16 17 18 16 15 16	19 15 16 16 15 15 15 16 17	18 15 15 16 16 15 15 16 16	16 15 15 16 14 15 16 16 16	18 15 16 15 15 15 15 16 15	18 16 15 16 15 15 15 15 17	21 16 19 17 15 15 15 16 19	23 25 26 17 16 15 15 19 18	24 23 21 17 17 15 20 17 19	29 19 30 17 17 16 22 19 21	30 19 34 17 17 16 21 26 26	29 19 30 20 17 16 22 23 24 16	22 19 23 23 17 16 25 19 26	22 19 21 20 20 16 17 18 20 20
11 12 13 14 15 16 17 18 19	16 20 25 23 22 17 45 34 28	16 25 34 27 23 17 27 29 30 17	16 21 28 20 28 20 28 24 26 17	16 22 24 20 23 22 36 24 28	16 23 29 20 28 22 33 25 23	16 29 35 21 24 20 33 25 23	17 23 33 21 28 21 36 28 23 20	18 21 37 20 24 21 26 26 22 22	16 20 34 19 21 21 21 23 20 21	15 19 27 18 20 21 18 23 19 20	14 18 22 18 20 19 18 21 18 20	13 16 20 18 19 18 18 20 19	13 16 18 18 18 19 21 19	14 17 18 19 18 18 19 20 19	14 16 18 19 19 18 19 20 19 20	14 15 20 19 18 20 19 20 19	14 15 20 19 17 21 19 23 18 20	15 17 21 19 17 22 19 28 18 20	16 18 20 20 17 19 19 24 18 20	19 18 19 26 17 24 19 24 18 20	18 18 18 28 17 21 19 28 18 24	18 21 18 26 17 34 19 30 18 23	18 21 18 22 17 27 22 28 18 26	19 24 22 23 17 39 25 27 17 34	16 20 24 21 20 22 24 25 21
21 22 23 24 25 26 27 28 29 30	26 21 28 16 25 21 25 22 40	27 21 30 16 27 21 23 23	31 21 21 27 16 22 19 28 31 21	37 21 30 16 21 18 20 25 23	35 21 22 16 20 18 20 27	41 22 21 22 18 21 18 27 21 25	40 23 24 22 19 24 18 31 23 28	31 23 22 23 18 24 19 33 21 24	25 23 21 23 17 20 19 24 18 21	23 24 21 23 17 19 18 22 18	23 25 20 17 19 17 19 17	23 23 20 19 17 20 16 16 18	22 20 22 18 17 20 16 17	21 20 21 18 16 20 16 17	20 19 20 18 16 20 16 19 19	20 19 21 17 16 22 16 19 19	20 19 21 15 16 22 17 21 19	21 19 23 15 16 22 21 22 20	23 20 26 15 17 23 20 24 18 25	22 20 24 17 23 26 19 24 19 27	21 24 19 21 27 20 23 19 28	21 22 18 23 26 24 26 20 36	21 23 16 24 26 23 34 34	21 28 16 24 24 21 24 30 26	26 21 22 20 18 23 19 23 21 24
MEAN	24	23	22	22	23	24	25	23	21	19	1.8	1.8	1.8	1.8	17	1.7	1.8	19	20	20	21	23	23	23	21

PERCENTAGE OF DATA VALID - 99

						ONTA	ARIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- TC	TAL F	YDRO	CARBON	NS.						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	ELMC	REST	ROAD	ETOE	BICOKE		NO	3500	3		MC	NTH O	CT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1.8	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	29 20 21 21 18 32 39 32 29	31 18 23 19 18 37 28 29 28	27 18 29 17 18 31 34 48 29	27 18 24 16 20 28 46 41 29	34 18 27 16 23 38 35 31 29	41 19 20 16 24 27 37 27 30	42 21 22 17 22 26 26 31 31	28 21 23 17 24 23 22 34 44	21 20 23 17 24 20 18 32 34	20 21 20 17 21 19 18 31 29	21 20 19 21 19 22 18 18 26 25	20 22 18 21 17 19 18 17 23 21	18 20 18 18 18 18 18 23 21	18 21 17 20 16 18 18 17 22	18 21 17 20 17 18 18 18 20 18	18 21 16 22 17 18 18 19	18 20 16 22 17 18 18 18 24 21	19 21 16 22 17 18 18 18 26 23	21 22 17 21 17 19 18 19 24	22 27 17 20 18 19 18 21 29 34	24 19 21 19 19 18 27 27 31	22 22 22 18 20 18 32 29 24	22 23 21 18 22 19 30 36 21	21 20 21 18 30 29 40 39	24 20 22 17 20 23 26 29 27
11 12 13	19 34 20	19 39 17	19 37 16	19 31 16	20 34	26 28	27 2 <b>4</b>	24 25	23 27	22 25	22 23		0.0.0.0	22	22 19	23 22	22 22	25 22	34 26	44 28	39 26	29 22	33 23	38 23	26 26
14 15 16 17 18 19	17 16 19 22 18	17 16 19 21 22	16 17 19 23 21	16 17 18 23 18	16 17 17 23 17	16 17 17 23 16	18 18 18 25 15	19 18 28 26 16	16 18 30 24 16	16 17 23 21 15	16 16 18 20 15	14 16 16 17 18	14 15 15 18 16 16	MISSI 14 15 15 18 16 16	14 15 15 18 16 15	14 16 15 18 17	14 16 15 18 18	15 16 16 18 18	16 16 18 19 17	15 16 18 20 17 15	15 16 17 22 17	15 16 17 24 15 20	18 16 17 21 15 22	16 16 22 21 16 20	16 17 20 19
21 22 23 24 25 26 27 28 29	26 28 29 22 38 20 18 18	20 25 30 21 37 20 23 18 18	17 27 31 26 31 20 25 18 18	19 28 31 30 19 22 18 18	19 27 38 33 31 19 20 18 18	19 30 48 30 36 20 22 18 18	19 31 34 28 40 22 21 18 18	21 26 43 33 44 21 19 18 18	24 33 67 37 51 22 18 19	22 35 58 29 48 *** 19 18 18	17 23 32 22 37 25 18 18 18	15 20 22 30 29 26 18 19 18	14 21 21 26 19 17 18 18	14 21 28 23 19 17 18 18	15 17 19 26 22 27 17 18 18 30	15 16 16 26 22 19 17 18 18 27	16 16 17 29 24 18 18 18 18	16 19 25 28 28 19 19 18 23	18 20 23 27 28 20 22 19 18	20 22 22 30 28 19 20 18 18 25	19 29 25 33 28 18 19 18 18	19 32 23 37 26 18 19 18	23 30 26 35 24 19 18 19	25 30 26 38 22 18 19 17 23	19 25 30 31 20 19 18 18
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MEAN	24	23	24	24	24	24	24	25	26	24	21	20	19	19	19	18	19	20	21	22	22	22	23	24	22

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - ELMCREST ROAD, ETOBICOKE NO 35003 MONTH NOV 6 7 9 10 11 12 HOUR DAY 1 2 3 4 5 6 7 8 9 14 15 16 17 24 MEAN 16 16 17 17 17 17 17 17 17 16 17 DATA MISSING DATA MISSING 17 17 1 18 18 1 16 16 1 16 17 1 18 18 1 16 16 17 15 20 16 17 16 16 17 16 17 17 15 17 16 15 22 16 16 15 18 16 18 17 16 17 18 15 17 16 17 15 16 15 15 15 16 17 15 16 17 16 16 17 16 18 18 16 17 16 16 17 15 17 15 15 16 15 16 15 15 15 15 15 15 15 15 16 16 15 15 15 15 18 15 16 MISSING MISSING 12 13 14 15 16 17 18 19 18 32 27 29 17 20 25 32 23 17 18 23 27 25 17 18 22 28 23 17 18 22 28 23 17 18 22 27 23 18 23 30 23 18 19 23 31 23 17 19 25 32 23 18 22 24 32 23 19 18 23 25 24 18 18 23 26 24 17 31 24 33 17 71 24 39 17 78 24 47 17 53 23 40 17 50 23 37 18 38 23 38 18 36 23 36 18 34 24 37 18 30 26 35 17 29 27 31 17 26 28 28 18 23 27 24 17 24 29 24 22 23 24 25 26 27 28 29 30 15 18 31 14 18 17 15 19 21 14 20 18 16 24 14 15 16 17 16 22 14 15 18 16 22 15 15 18 21 14 16 15 21 18 14 17 22 15 17 18 14 16 15 16 19 14 16 30 14 16 19 14 16 25 14 21 18 14 19 14 31 18 14 18 15 29 18 14 18 21 27 18 14 18 30 29 20 14 17 49 34 22 17 17 17 36 28 20 15 17 27 23 13 17 16 24 20 13 18 17 21 23 13 18 17 19 20 19 15 17 27 15 19 20 14 17 15 18 14 16 14 16 17 DATA 19 MISSING -MEAN 

PERCENTAGE OF DATA VALID 65

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	STA	TION	- ELMO	CREST	ROAD.	ETOB	ICOKE	Ē	NO	3500	0.3		M	ONTH D	DEC	73									
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31	23	34	23	22	25	29	26	27	27	25	***	20	22	24	26	32	34	39	34	35	37	40	28	34	29
MEAN	21	22	21	21	22	21	22	22	22	21	21	21	20	20	19	21	20	21	21	21	21	21	21	22	21

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - ELMCREST ROAD, ETOBICOKE NO 35003

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	20	25	72
FEB	26	21	30	75
MAR	31	25	34	88
APR	30	21	30	81
MAY	26	21	25	76
JUN	28	22	28	74
JUL	27	22	27	47
AUG	16	16	23	35
SEP	30	21	26	45
ост	30	22	31	67
NOV	25	20	32	78
DEC	29	21	33	54
YEAR	324	21	34	88

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 UNIT - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - ELMCREST ROAD, ETOBICOKE NO 35003 00 TO 10 11 TO 19 20 TO 30 31 TO 60 61 TO 90 91 - 140 141-200 201&OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 PERCENT OF DATA VALID MIN 10 0 15.4 15.4 17.5 19.3 22.0 27.6 31.7 36.8 41.6 21.2

UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE DAMST NO 35033 MONTH JAN HOUR DAY 24 MEAN 17 18 17 17 15 17 17 23 17 20 18 18 17 16 18 18 19 20 18 19 16 17 18 19 18 19 18 17 19 16 17 22 17 21 20 17 18 16 17 20 20 18 18 19 17 17 17 17 17 24 17 17 18 16 16 17 17 17 21 17 19 17 17 16 16 26 20 19 19 18 19 16 19 19 20 19 17 18 17 18 23 17 18 19 17 17 18 17 18 22 18 17 17 16 18 16 18 22 17 2 3 4 5 6 7 8 9 0 19 17 17 17 17 18 24 17 18 19 15 17 17 17 17 24 17 18 22 16 16 15 17 18 20 17 17 23 16 16 15 17 19 22 17 18 32 16 17 16 17 22 21 17 16 15 17 17 18 22 19 18 22 16 17 15 17 23 19 19 18 17 16 17 21 19 20 19 18 17 17 17 20 19 20 19 18 17 17 18 17 20 17 19 16 17 19 20 17 16 18 17 18 23 17 18 17 17 25 22 20 12 13 14 15 16 17 18 19 20 19 32 31 33 34 37 40 35 30 35 32 32 33 32 35 45 32 30 35 31 32 32 33 33 35 31 29 24 33 31 32 33 34 32 35 35 29 18 33 31 33 31 33 43 30 18 33 30 37 31 32 35 37 28 18 35 38 33 38 33 38 38 39 17 35 30 35 33 40 36 29 18 33 30 33 32 34 37 36 29 21 32 31 34 31 38 41 34 30 34 32 31 32 32 40 42 31 30 33 30 32 32 32 34 40 31 29 34 30 32 31 32 34 44 31 28 17 34 31 33 31 31 34 38 30 18 33 33 33 33 33 34 35 29 17 33 33 33 33 33 35 36 39 17 33 30 34 31 30 34 36 29 17 34 30 34 31 30 34 35 28 33 30 42 31 34 37 35 30 18 33 35 35 37 37 35 29 19 32 30 35 32 36 39 35 29 37 31 35 33 39 45 33 37 31 35 34 38 48 33 30 30 41 34 34 39 34 28 22 23 24 25 26 27 28 29 30 27 19 19 23 28 22 18 17 31 19 18 19 34 26 19 17 24 20 19 22 24 19 17 19 33 19 20 25 23 19 18 18 20 29 19 21 27 23 19 17 19 21 28 19 21 25 22 19 17 18 19 21 24 24 19 17 18 22 18 20 25 26 19 17 17 31 18 17 19 27 25 19 17 31 18 17 19 28 24 19 31 18 17 29 24 18 17 18 31 18 17 19 28 24 17 15 17 32 18 17 20 29 26 17 16 33 19 22 34 26 17 19 22 19 19 20 30 21 18 17 20 23 19 19 21 20 19 19 19 21 23 20 19 17 20 23 22 19 22 23 19 17 19 26 19 19 22 30 20 19 17 20 29 21 20 25 28 21 18 17 20 20 19 19 29 26 19 17 17 19 19 36 26 19 17 17 32 18 17 19 25 24 17 15 19 22 33 24 18 17 20 20 33 44 26 17 18 20 MEAN 

PERCENTAGE OF DATA VALID - 99

PERCENTAGE OF DATA VALID -

POLLUTANT - TOTAL HYDROCARBONS

						ONTA	RIO	MINIS	STRY	OF T	THE E	NVIR	ONMEN.	- A)	IR M	ANAGEN	MENT	BRANC	CH						
	POLL	UTANT	- TO	DTAL I	HYDRO	CARBON	1S						U	VITS .	PAR	TS PER	R TEN	MILL:	ON						
	STAT	ION -	EVA	NS/ARI	NOLD I	ETOBIC	OKE (	DAMST	NC	3503	33		M	NTH F	EB	73									
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21 22 23 24 25 26 27 28	14 16 13 14 13 13 23	13 14 14 14 13 13 23	13 13 14 14 13 13 22	12 13 13 13 13 14 13 22	12 13 14 13 14 13 21	12 13 13 14 16 14 22	11 15 13 14 15 14 21	14 19 15 15 20 17 24	15 19 15 15 15 19 17 29	13 19 13 14 17 16 22	12 17 12 13 16 16 25	12 15 12 13 13 15 15	13 15 13 13 16 14	14 13 13 13 15 15	14 14 13 13 15 14	14 14 13 13 15 14	19 13 14 13 13 15 17	19 14 14 13 13 15 14	17 14 15 12 13 15 14	18 13 15 13 14 14 17	17 12 14 13 14 14 22 15	13 13 14 14 15 14 19	14 12 13 13 15 14 21	14 14 13 13 14 14 21	13 15 13 14 15 16 20
MEAN	1.8	18	18	17	17	17	1.7	19	20	19	18	18	1.7	17	18	18	18	18	18	19	17	17	17	1.7	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLL	JTANT	- TO	TAL HY	DROCA	ARBONS	8						UN	TS -	PARTS	S PER	TEN N	MILLI	ON						
	STAT	ON -	EVANS	ARNO	DLD E	товіс	OKE O	AMST	NO	3503	3		MON	TH MA	AR I	73									
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11 12 13 14 15 16 17 18 19 20	30 27 13 15 14 14 12 9 8	40 21 13 14 14 14 11 8 8	53 20 12 15 20 14 11 8 8	32 17 12 15 18 14 11 8	18 17 12 15 16 13 11 8	17 16 12 14 17 14 11 8 9	16 17 13 14 15 16 11 8	18 32 13 17 18 18 11 8	17 13 16 18 17 12 8 10	16 16 13 17 16 15 11 8	17 15 12 15 19 13 11 9	16 15 15 17 22 13 11 9	19 15 13 15 18 13 12 9	17 16 13 16 19 13 13 9	16 15 13 17 17 14 12 9	16 16 14 16 18 15 9	16 15 15 16 15 16 15 9	17 14 15 14 16 15 9 8	18 13 16 14 15 14 9 8 11	17 13 15 14 14 14 19 8 11	17 13 13 14 14 13 9 8 12	17 13 14 14 14 13 9 8 13	19 12 15 14 15 13 9 8 13	27 12 15 14 15 13 9 14 11	21 17 14 15 17 14 11 8 10
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MEAN	19	18	19	18	16	16	16	19	17	16	16	16	16	17	17	17	18	17	17	17	17	17	18	18	17

PERCENTAGE OF DATA VALID - 99

						ONTAF	RIO	MINIS	TRY	OF TH	E E	VVIRO	NMENT	- AI	R MAI	NAGEMI	ENT	BRANCH	4						
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	STAT	ION -	EVANS	ARNO	DLD E	товіс	OKE O	AMST	NO	35033			MO	NTH A	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 M	MEAN
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21 22 23 24 25 26 27 28 29	13 16 14 15 17 28 16 12 12	14 18 13 14 19 20 14 12 13	14 17 14 13 22 17 13 11 13 20	14 19 14 14 22 13 13 10 12 21	15 18 14 12 16 14 13 10 12	17 19 13 13 18 16 13 9 12	16 15 14 13 16 17 14 9	14 13 14 14 18 17 15 9	15 13 14 14 15 17 14 9 11	14 13 14 14 13 14 14 19 11	14 13 13 14 13 13 14 9 10	14 13 13 14 13 13 14 9	15 13 13 14 14 14 15 10	15 13 13 13 14 14 14 10 11	15 13 13 13 14 14 15 10	15 12 15 14 15 14 15 11 11	15 12 13 15 16 14 17 11 11	16 12 13 15 15 15 15 11 11	15 12 13 14 16 15 13 12 15	13 13 15 19 15 13 12 14	13 13 14 19 22 15 13 11 15	13 14 14 19 26 15 12 11 16	13 15 19 18 27 17 12 11 19	13 15 15 26 29 17 12 11 20	14 14 15 18 16 14 10 13
MEAN	15	16	16	16	15	15	16	16	15	1.5	15	15	1.4	14	14	14	15	15	15	15	15	15	15	16	15

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - EVANS/ARNOLD ETOBICOKE CAMST MONTH JUL NO 35033 24 MEAN HOUR MISSING MISSING MISSING MISSING MISSING 19 19 19 19 DATA DATA DATA DATA DATA 19 19 19 1 2 3 4 5 6 7 8 9 1 0 20 18 16 18 19 19 17 19 19 18 17 16 22 19 17 16 20 19 19 19 19 19 20 18 17 19 19 19 19 19 19 19 19 18 17 22 19 15 18 24 20 16 20 18 19 17 17 16 17 17 17 21 16 18 19 16 24 23 19 17 17 18 25 16 18 26 17 22 22 17 25 15 17 15 17 17 18 17 19 17 17 17 19 18 14 15 20 15 14 22 15 22 15 14 15 22 14 14 15 22 15 15 16 21 15 15 16 20 15 15 16 21 15 16 14 13 15 14 15 18 15 15 17 15 14 15 17 23 14 15 16 17 15 16 16 19 12 13 14 15 16 17 18 19 20 18 22 17 24 18 19 19 27 18 19 17 24 16 19 17 17 19 18 19 27 16 17 17 19 19 16 16 21 18 15 14 25 16 17 21 13 15 19 15 12 13 13 16 13 13 13 14 14 13 14 15 13 12 12 13 16 14 15 13 15 13 15 13 28 15 28 11 28 11 22 12 22 17 20 18 19 16 18 15 18 15 17 14 27 12 22 23 24 25 26 27 28 29 30 12 15 14 15 19 14 13 14 10 13 12 13 21 14 13 12 23 10 13 19 24 13 14 12 19 11 15 20 16 19 13 14 12 25 10 13 12 13 19 16 13 12 21 13 13 12 17 16 14 12 10 12 13 11 13 13 13 9 17 15 10 12 14 9 17 15 13 13 11 12 13 21 11 12 12 19 16 18 13 14 11 12 11 17 19 14 13 14 11 13 11 17 15 14 13 14 12 13 10 17 15 13 16 16 15 13 10 17 14 13 18 15 19 16 10 19 15 13 13 17 19 21 10 21 18 13 12 17 20 23 10 24 16 13 12 17 19 25 9 26 13 13 16 15 22 9 28 13 13 13 11 13 19 24 13 13 13 21 10 13 19 11 22 13 15 12 17 13 17 25 17 15 12 28 19 19 17 22 14 15 12 28 15 11 14 23 15 14 12 27 15 12 17 13 14 17 1.7 

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21 22 23 24 25 26 27 28 29 30	13 20 32 25 28 26 26 32 22	13 20 34 24 32 26 26 30 22	13 20 27 24 34 25 26 25 22	13 21 25 24 34 25 26 21 22	13 21 26 24 32 25 26 18 21	13 22 27 26 31 25 26 19 22	14 22 35 34 31 25 28 21 23 22	14 22 36 32 31 25 30 22 24 23	14 22 32 31 28 25 30 22 23 24	13 21 28 29 26 25 29 21 23 23	13 21 28 24 25 25 25 21 24 23	22 21 25 23 24 25 26 21 23 23	21 24 23 24 26 24 22 23 23	21 23 23 24 26 24 22 24 22 23	20 21 22 24 24 26 24 23 24 26	19 21 22 25 24 26 24 24 24 26	19 21 22 25 24 26 24 25 24 25	19 22 24 24 24 26 25 24 24 26	19 22 27 24 23 26 25 24 24 25	19 22 26 25 23 26 28 24 24 26	19 23 25 26 26 26 25 24 24 26	20 26 25 25 26 27 23 24 25	20 28 26 25 25 26 29 23 23	20 34 26 26 26 26 22 23 22 24	17 22 27 26 27 26 27 23 23
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UNITS - PARTS PER TEN MILLION

STATION - EVANS/ARNOLD ETOBICOKE OAMST MONTH SEP NO 35033 HOUR DAY 24 MEAN 2 3 4 5 6 7 8 23 24 27 35 30 22 6 18 21 22 28 31 29 20 21 19 22 21 26 29 31 20 21 19 22 21 33 32 31 22 22 19 21 35 32 29 22 21 19 20 21 31 22 21 19 19 19 22 25 24 20 19 19 19 22 24 25 23 \*\* 18 19 22 23 24 22 19 18 20 21 33 49 21 19 18 20 21 28 84 21 19 18 20 27 36 21 19 18 20 26 33 21 19 18 20 23 30 20 19 18 20 20 24 30 20 19 18 20 21 26 31 22 21 18 24 21 25 32 24 18 25 20 26 32 22 25 17 24 21 28 31 22 25 18 24 23 31 31 22 24 18 21 27 33 25 21 19 18 232 323 29 21 23 19 22 22 26 30 31 20 21 22 21 25 30 31 20 20 19 24 32 21 19 18 22 26 26 23 21 29 32 24 26 24 34 23 24 35 41 20 12 13 14 15 16 17 18 19 20 28 24 30 24 25 35 37 29 24 28 25 26 35 34 21 32 22 23 32 23 22 23 22 23 22 23 31 24 27 22 26 34 30 25 34 26 27 23 34 31 32 37 27 29 22 39 34 32 28 39 26 28 22 34 34 26 24 32 32 23 23 23 24 25 23 30 25 22 20 22 33 22 24 27 23 19 20 28 22 22 20 19 19 26 18 20 19 18 20 19 23 24 19 20 20 19 20 19 27 22 20 19 19 18 30 23 20 20 19 19 19 31 24 19 20 19 19 32 18 19 20 21 19 32 6 19 20 23 19 21 31 30 18 19 20 26 19 22 30 33 18 24 31 20 23 31 35 18 23 24 36 22 24 32 37 21 24 36 23 24 31 22 23 24 25 26 27 28 29 24 26 26 29 51 18 44 28 22 43 19 39 28 22 41 40 21 35 27 21 39 43 21 31 26 21 39 48 20 28 26 21 39 49 19 27 28 22 39 19 25 30 24 42 55 24 24 32 24 43 24 25 32 23 44 26 28 21 43 22 27 30 21 45 25 23 26 21 50 23 20 22 21 53 23 20 20 35 59 22 20 21 34 64 22 19 22 37 63 22 19 23 37 60 25 21 24 39 60 31 22 24 39 61 32 24 26 39 62 30 25 26 39 60 28 26 24 41 59 27 29 23 42 58 26 27 21 46 DATA DATA MISSING MISSING MEAN 

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POLLUTANT - TOTAL HYDROCARBONS

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MEAN	22	22	21	21	21	21	24	27	25	21	19	17	17	1.7	17	17	17	17	17	17	19	19	20	21	20

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - EVANS/ARNOLD ETOBICOKE CAMST NO 35033 MONTH NOV 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 19 16 15 16 15 17 13 19 16 15 16 15 23 13 19 16 15 15 24 13 18 16 15 15 28 12 17 17 15 15 15 28 11 17 17 15 14 15 23 11 17 16 15 14 15 19 11 16 16 15 14 15 18 11 16 16 15 15 14 17 16 16 15 14 14 13 17 10 12 15 15 14 14 13 17 12 15 15 14 13 13 17 9 11 15 15 14 13 13 17 14 15 15 18 14 15 19 16 15 15 19 14 19 20 14 15 16 14 15 27 13 15 16 14 15 24 24 15 14 16 14 22 16 14 16 14 17 14 12 21 15 14 17 14 17 14 22 16 15 16 14 16 13 12 13 16 15 14 14 13 17 10 16 15 14 15 13 17 10 12 15 15 15 13 18 10 15 15 17 14 17 22 15 19 22 22 14 13 15 21 18 19 21 18 17 12 11 19 11 17 17 32 10 13 17 14 11 17 16 35 12 12 17 14 11 17 16 32 11 11 16 14 12 17 17 26 11 11 20 14 13 17 19 21 13 21 15 14 21 19 20 13 15 17 19 15 23 20 22 13 19 21 22 15 24 20 23 13 17 13 22 15 20 22 13 14 13 19 18 19 19 18 20 17 19 19 19 14 12 13 17 19 19 18 13 12 13 17 19 19 20 15 13 12 19 19 24 17 15 12 11 19 18 18 26 15 15 11 25 19 22 31 14 15 11 12 29 19 21 33 14 13 11 12 19 21 37 13 13 12 13 18 19 39 13 13 13 45 11 17 17 38 12 13 15 14 11 17 16 33 10 12 20 14 12 13 14 15 16 17 18 19 22 12 13 13 20 19 20 12 13 21 23 15 10 12 26 22 16 20 21 13 10 13 38 16 22 12 10 13 34 16 18 26 11 9 13 26 17 17 22 9 14 20 18 17 14 9 16 21 21 20 12 9 11 19 23 21 24 12 8 15 23 26 15 19 22 11 8 12 25 26 13 15 20 12 14 20 12 16 28 18 13 15 21 12 8 13 33 16 22 11 9 13 35 17 24 11 9 13 42 18 22 32 11 9 15 28 17 30 31 11 9 15 30 16 40 32 12 9 15 36 15 28 28 13 12 15 36 25 24 17 12 13 33 22 22 15 12 13 35 21 23 11 11 13 36 24 25 12 10 13 41 18 22 23 13 13 45 23 20 22 13 10 13 35 21 13 15 24 13 15

PERCENTAGE OF DATA VALID 9.7

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	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UN	ITS	PART	S PER	TEN	MILLI	NC						
	STAT	ION -	EVAN	S/ARN	OLD E	TOBIC	OKE O	AMST	NO	3503	3		MC	NTH (	DEC	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
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31	14	14	13	13	15	15	1.4	14	1.4	14	18	15	15	15	15	14	16	18	20	20	22	20	16	16	1€
MEAN	1.4	13	13	13	13	13	13	15	16	15	15	16	15	15	15	15	16	15	15	15	15	14	14	14	14

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - EVANS/ARNOLD ETOBICOKE OAMST NO 35033

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	31	24	39	48
FEB	27	1.8	31	68
MAR	31	17	29	53
APR	30	15	22	37
MAY	29	15	19	64
JUN	29	16	22	38
JUL	26	16	20	40
AUG	31	20	27	51
SEP	28	27	67	96
OCT	27	20	39	72
NOV	30	16	26	45
DEC	29	14	21	33
YEAR	348	18	67	96

		ONTARI	O MINISTRY	OF THE	ENVIRONMEN	T - AIR MAN	AGEMENT B	RANCH		
MONTHLY GI	ROUP FREQUE	NCY CLASSIF	ICATION FOR	73						
POLLUTANT	- TOTAL HY	DROCARBONS			UNI	T - PARTS PEI	R TEN MILL	ION		
STATION -	EVANS/ARNO	LD ETOBICOR	CE OAMST	NO 35033						
	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL	
JAN	0	371	191	175	0	0	0	0	737	
FEB	5	473	118	21	1	0	0	0	618	
MAR	56	502	158	25	0	0	0	0	741	
APR	2 1	641	4.5	5	o	0	0	0	712	
MAY	49	549	65	2	1	0	0	0	666	
JUN	0	578	90	8	0	0	0	0	676	
JUL	3.6	463	84	7.	0	0	0	0	590	
AUG	0	408	296	29	0	0	0	0	733	
SEP	0	151	355	130	17	3	0	0	656	
ост	0	421	148	62	3	0	0	0	634	
NOV	49	515	108	30	0	0	0	0	702	
DEC	25	596	49	2	0	0	0	0	672	
YEAR	241	5668	1707	496	22	3	0	0	8137	
FREQUENCY	DISTRIBUTI	ON BY PERCE	NTILES							
	PERCENT			EDEOUE	CONCENTRA	ATIONS				
	OF DATA VALID	MIN	10 3	0 FREQUE	NCY DISTRIBU 70	JTION, PERCEI 90 95	98	99	MAX	ARITH MEAN
	92	2	11 7 13	8 16.0	18.6	26.0 31.0	6 37.9	44.2	96	18.2

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS. OTTAWA NO 51001 MONTH JAN HOUR DAY 1 2 3 4 4 5 6 7 8 9 9 1 1 1 2 3 1 4 4 5 6 7 8 9 9 1 1 1 2 3 2 2 2 4 5 6 7 2 2 3 3 0 24 MEAN \*\*\*\* \*\*\*\* 19 17 17 17 16 15 16 \*\*\*\* DATA MISSING DATA MISSING DATA MISSING DATA MISSING 31 27 11 11 12 12 12 12 12 16 18 28 16 14 18 16 19 26 16 17 26 16 14 20 18 14 30 20 24 15 15 24 23 14 26 18 19 15 15 24 22 17 18 20 16 17 27 30 24 19 17 15 13 32 24 25 19 18 16 13 30 23 19 20 20 17 14 21 14 24 17 16 15 16 25 22 17 21 16 16 12 15 18 24 22 19 18 13 22 18 20 20 23 17 13 19 20 19 24 17 13 18 17 18 17 23 16 14 25 18 17 21 16 15 26 17 23 19 18 15 13 30 25 30 19 22 18 13 27 14 22 17 16 17 15 22 16 23 16 16 15 16 27 17 21 16 15 12 16 21 22 22 16 18 12 18 25 22 17 19 13 22 21 17 18 18 17 15 24 26 18 17 16 13 23 20 18 18 DATA MISSING DATA MISSING 15 16 27 27 21 15 18 29 24 22 15 18 13 19 18 15 19 20 22 21 18 16 22 23 21 18 16 25 28 22 15 18 28 24 21 15 17 31 24 22 18 19 21 23 23 DATA 28 16 20 14 23 26 22 13 19 21 22 22 19 23 22 22 15 19 17 22 22 15 19 18 22 22 12 19 17 22 22 13 22 19 22 22 14 21 23 22 22 16 24 21 22 22 17 19 21 22 18 20 22 23 21 17 19 20 21 23 17 19 20 22 23 16 22 22 22 22 MEAN 

PERCENTAGE OF DATA VALID - 57

POLLUTANT - TOTAL HYDROCARBONS

						ONT	ARIO	MINIS	STRY	OF '	THE 6	ENVIR	ONMEN.	T - A	IR MA	NAGEM	ENT	BRANC	Н						
	POLI	UTANT	- T	OTAL H	YDRO	CARBO	45						U	NITS	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	MAC	DONALE	GDN:	s. 01	TAWA		N	5100	01		M	ONTH I	EB	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1	30	29	30	29	29	30	31	32	32	31	30	29	27	27	28	28	28	28	28	26	26	25	25	24	28
2	25 28	24 27	24 25	23 25	23 23	23 23	23	32 24	24	23	23	24	24 24	24 24	26	26 26	25 26	25 26	25 26	23 27	23 27	25 27	25 27	29 27	24
4	26	26	26	26	25	25	22 25	22 25	24	24 25	25 25	25 25	23	23 25	23	26	24	24	24	22	22 27	21	21	21	25 24 26
6	21 33	21 33	21 28	22 29	22 29	23 29	24 28	25 28	27 29	27 27	27 27	27 27	26 27	23	25 23 25 27	24 27	24 25	24 24 25	25 24	24	24	31 19	36 20	21	26
7 8	20 20	19 19	19 19	19 18	19	19	19 15	19 15	22 18	21 18	21 18	21 16	21 16	21 16	21 16	20 16	20 16	22 16	21 17	23	23	21 22	21 17	21 17	21 17
9 10	17	17 21	17 24	17 21	16 22	17	20 22	22	22	20	21 19	20 19	18	16 18	17 18	17 18	17 18	19 19	21 20	20 23 21	23 22	21 20	22 20	26 22	19 21
11	21	21		21	20	21	21	22	23	23	22	21	22	21	21		21		24		34	32	28	30	0.000
12	28	28	23 25	23	22	23	24	24	24	24	24	20	21	18	19	21	18	17	17	29 17	17	17	16	15	24 21
13 14	17	16	12	13	13 12	13	15 13	17 16	19 23	18 26	15 21	14 21	14 23	12	12	10 19	10 15	11	11	11	13	13 14	13	13	14 16
15 16	11	12	12	10	9	9	10	10	10	10	10	10	9	9	8	8	9	10	10	8 10	8 10	10	8 11	12	9 10
17 18	11	11	11	. 11	11	11	11	11	11	12	12	12	13	13	12	12	11	11	. 11	10	10	16	15	16	12
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23	12	13	13	11	11	11	12	15	15	13	12	10	9	9	Ř	ě	9	9	10	12	12	14	16	14	12
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27	16 16	17	15 16	14	14	14	18 18	20 18	18	15 16	14 16	14	14 16	14	14 17	14 17	13	15 20	17	16	17	16	15	18	16 17
28	0 5 0 0			0000					0000	****	0000	0000	18	16	0000	22	21	21	21	23	23	25	25	22	****
MEAN	18	18	18	17	17	1.7	18	18	19	19	18	18	17	17	17	17	17	17	17	18	18	18	18	18	18

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA NO 51001 MONTH MAR 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 18 19 25 21 23 27 19 20 21 17 23 23 21 24 19 17 18 18 20 26 22 24 19 17 18 20 19 23 21 22 23 19 19 18 19 21 22 22 19 18 20 20 21 23 23 21 25 18 21 18 20 21 21 22 17 18 20 20 22 23 21 23 20 22 23 21 23 20 17 18 22 18 22 22 22 22 19 18 18 21 22 21 22 21 22 18 19 21 21 22 24 22 22 18 18 20 21 21 25 22 21 22 19 19 20 19 22 22 22 22 22 22 20 20 20 19 23 26 23 22 23 22 20 21 19 24 22 24 24 22 24 20 20 17 24 22 22 27 20 20 20 23 21 22 22 28 22 20 20 19 21 23 22 23 20 18 20 18 19 23 24 21 23 25 18 19 23 22 21 23 20 17 18 23 20 23 18 17 18 21 20 24 22 19 23 18 17 18 22 18 23 26 23 26 21 18 19 24 21 19 23 17 18 18 22 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 17 16 1 15 15 1 15 15 1 15 15 1 16177 1890 222345 2267 22930 14 15 15 14 15 15 15 15 14 15 15 14 15 14 15 15 17 14 15 17 14 15 17 15 15 17 14 16 16 16 16 14 15 16 16 15 16 16 16 14 15 16 17 15 16 19 15 15 18 15 16 18 15 15 15 15 15 DATA MISSING - DATA MISSING MEAN 

PERCENTAGE OF DATA VALID - 45

POLLUTANT - TOTAL HYDROCARBONS

						ONT	ARIO	MINIS	STRY	OF 1	THE E	NVIR	ONMEN	T - A]	R MA	ANAGEN	MENT	BRANC	H						
	POLI	LUTANT	- T(	DTAL	HYDRO	CARBO	VS.						U	NITS -	PART	TS PEF	RTEN	MILLI	ON						
	STA	TION -	MACE	DONAL	D GDN:	s. 0	TAWA		NO	5100	1		M	ONTH A	APR.	73									
HOUR	Ĭ	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	18 19 18 30	24 19 20 26 15	29 18 19 23 15	30 18 17 18	25 18 16 16	25 18 16 18	22 18 15 19	19 17 16	17 18 15 17	15 18 15 18	15 17 14 17		DATA DATA	MISSI MISSI MISSI 15 13 18 14 17	NG -	16 12 16 12 18	16 12 17 13 17	16 13 23 14 17	16 15 19 17 16	19 15 17 20 16 17	17 17 17 22 16	17 17 17 22 16	18 17 16 22 15 20	19 16 16 25 15	18 18 17 18
11 12 13 14 15 16 17 18 19	18 19 27 79 46	19 20 30 94 53 ****	18 20 34 87 53 * * * *	17 21 30 60 51	16 21 39 61 ****	16 22 35 55 ****	17 23 33 47 ****	17 23 32 38 35	16 23 31 30 31	16 22 30 27 28	15 23 25 24 24 16		20 26 23 22 21 14 DATA DATA	20 26 23 22 21 **** MISSI MISSI MISSI	NG -	14 22 28 21 23 20	15 22 28 21 23 20	15 25 33 22 23 21	17 25 51 21 23 24	18 26 66 23 27 23	19 24 70 24 28 22	20 26 83 26 ****	22 29 90 33 **** 22	22 31 88 44 ••••	17 23 43 39 31
21 223 24 256 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	****  14  14  15	****  14 13 15	**** **** 15 14 16	**** **** 15 15	**** **** 15 15	* * * * * * * * 15 15	**** 16 16 18	* * * * * 16 16 17	* * * * * * * * * * * * * * * * * * *	**** **** 18 16 18	**** 20 17 18	****	DATA DATA DATA	MISSI MISSI MISSI **** MISSI 15 20 17 17	NG - NG - NG - 14	14 15 18 17 16	16 15 17 17 16	**** 15 16 17 18	15 16 17 19	**** 15 16 17 19	* * * * 15 15 16 22	**** 14 14 16 23	**** 15 14 16 22	**** 15 15 16 21	* * * * * * * * * * * * * * * * * * *

PERCENTAGE OF DATA VALID - 49

22 21

MEAN

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - MACDONALD GDNS. MONTH MAY OTTAWA NO 51001 HOUR DAY 1 2 3 4 5 6 7 8 9 13 14 15 18 18 18 19 20 19 18 18 17 17 18 18 18 18 18 18 18 18 18 19 20 20 DATA MISSING 26 \*\*\*\* MEAN 

PERCENTAGE OF DATA VALID - 8

						ONT	ARIO	MINIS	STRY	OF T	THE E	NVIR	NMENT	- AI	R MA	NAGEN	IENT	BRANC	Н						
	POLI	UTANT	- 10	TAL H	HYDROC	CARBON	NS						UN	ITS -	PART	S PER	TEN	MILLI	ON						
	STAT	TION -	MACE	ONALE	GDNS	5. 01	TTAWA		NO	5100	1		MC	NTH J	IUN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	17 20 24 26 20 17 17 20 19	16 18 22 24 22 17 17 20 20	15 18 22 23 22 17 17 20 19 20	16 18 21 22 22 18 17 24 19	16 18 21 22 22 19 17 22 18	16 18 21 21 24 21 17 20 17	16 18 21 21 24 22 18 21 17	17 18 23 20 24 19 17 23 18	16 18 21 20 23 18 18 24 19	16 17 20 20 22 18 17 21 18	16 17 20 19 23 18 17 20 18	16 17 19 18 22 17 20 18 19	16 17 17 19 22 21 17 20 17	17 17 18 22 20 17 20 17	17 17 18 21 19 17 20 17	17 17 17 19 20 19 18 21 16	17 17 17 20 18 20 18 20 16	17 18 17 19 19 19 18 21 17	18 19 18 20 20 19 20 20 17 20	18 20 19 19 20 20 21 17 20	19 22 23 18 26 23 21 21 19 21	20 23 24 18 22 23 21 21 19 20	20 23 30 18 19 18 22 20 19 21	20 22 27 19 17 18 21 20 18 21	17 19 21 20 22 19 18 21 18
11 12 13 14 15 16 17	21 23 20 20 20 20	21 19 19 20 21 21	19 19 18 20 24 20	19 21 18 23 27 19	20 22 18 21 25	21 24 18 20 22	24 22 19 20 22	25 21 20 21 22	22 20 20 20 22	21 20 20 20 22	20 20 20 19 21	20 20 20 19 21	21 20 20 19 25 DATA DATA	21 20 20 19 27 MISSI MISSI	20 19 19 19 24 	23 19 21 19 23	24 19 20 19 24	23 18 20 19 25	18 19 21 19 24	20 21 22 20 27	21 25 22 21 25	20 29 20 21 23	22 28 20 21 26	28 25 20 20 23	21 21 20 20 24
19	23	21	20	20	19	19	21	22	21	18	17	18	17	17	16	20 18	20 17	19 17	20 17	20 18	21 19	22 19	23 18	23 18	19
21 22 23 24 25 26 27 28 29	17 16 22 15 20 17 18 18	19 **** 21 20 15 24 17 19 21	20 * * * * 24 20 15 31 17 18 23 18	25 20 14 36 17 19 20	17 **** 26 21 14 29 17 23 18	28 20 14 27 17 20 18 20	18 22 22 14 24 18 20 17 20	19 21 14 21 18 19 18	18 17 13 20 18 18 20 22	17 18 16 13 18 *** 18	17 16 14 16 17 18 20	17 15 14 16 17 18 19	17 18 15 14 13 16 17 18 20	17 16 14 14 13 16 15 18	17 16 14 14 16 15 17 19	17 15 14 14 16 16 20 20	17 15 14 16 14 16 16 18 20	17 16 14 15 14 16 17 18 21	15 17 13 16 14 18 18 19 20	12 17 15 16 14 24 19 19	12 18 17 17 22 22 18 19 21	9 22 19 22 25 23 20 18 23 22	18 17 17 21 19 22 18 21 22	18 19 17 17 18 19 18 20 21	17 18 18 15 21 18 19 20
MEAN	20	20	20	20	20	20	20	20	19	19	18	18	18	18	18	18	18	18	18	19	21	21	21	20	19

UNITS - PARTS PER TEN MILLION

STATION - MACDONALD GDNS OTTAWA NO 51001 MONTH JUL HOUR DAY 24 MEAN 22 21 15 15 16 17 18 19 28 18 14 15 16 17 19 15 27 20 15 15 18 18 18 27 21 15 16 17 18 15 19 24 21 15 15 16 17 18 16 20 21 14 15 15 19 18 17 25 24 15 16 19 19 20 16 22 19 16 17 17 19 19 18 18 18 15 16 17 18 18 15 21 17 17 16 16 14 17 18 14 19 16 17 16 14 15 17 18 14 20 15 16 15 16 16 14 14 14 17 16 15 17 14 14 16 14 16 14 16 15 15 15 15 16 14 16 20 16 17 16 16 16 17 15 17 19 17 17 17 17 17 15 20 20 18 16 17 17 17 17 15 22 17 19 15 19 17 17 19 15 16 19 18 16 16 17 16 16 18 17 17 15 15 18 18 15 21 19 15 17 17 17 19 16 16 16 15 15 16 14 13 17 15 14 15 16 16 16 19 15 15 16 15 14 18 6 7 8 9 14 15 20 6 16 15 14 15 15 7 MISSING MISSING MISSING 14 14 12 13 14 15 16 17 18 19 20 14 15 15 16 19 16 16 14 14 15 16 14 15 15 16 15 17 16 16 17 16 16 18 16 18 17 15 17 14 14 15 16 13 14 14 16 13 15 13 17 14 16 13 17 15 17 13 14 17 14 15 14 17 14 15 14 17 14 15 14 16 14 15 15 16 15 15 16 15 16 18 13 15 15 19 14 15 16 15 15 DATA DATA DATA 15 14 15 14 14 14 15 15 15 1.4 22 23 24 25 26 28 29 15 15 15 16 16 16 18 15 16 15 16 15 16 16 21 17 14 16 15 20 14 16 16 26 18 14 15 15 22 14 16 17 24 18 14 15 15 15 16 16 20 16 14 16 15 16 16 16 16 14 15 15 28 16 20 25 20 16 17 17 22 25 21 16 15 14 23 14 17 19 26 21 16 16 14 16 17 27 22 16 15 14 17 15 16 16 22 19 15 14 15 16 18 18 14 15 14 15 15 15 17 18 15 15 16 15 15 16 17 15 16 15 14 15 15 16 16 16 16 16 14 15 15 16 17 15 17 15 14 16 14 15 16 17 16 17 16 14 16 14 15 16 17 17 18 17 15 17 19 16 21 18 17 17 17 18 27 17 22 15 15 20 19 18 18 18 16 16 19 11 19 18 17 27 18 17 16 15 20 24 15 16 18 20 18 16 16 15 20 18 22 18 19 15 16 19 16 15 14 15 MEAN 

PERCENTAGE OF DATA VALID - 86

POLLUTANT - TOTAL HYDROCARBONS

						ONTA	ARIO	MINIS	TRY	OF 1	THE	ENVIR	ONMENT	- AI	R MA	NAGEM	ENT	BRANCI	4						
	POL	LUTAN	г - т	STAL H	HYDROC	CARBON	NS.						UN	IITS -	PART	S PER	TEN	MILLI	NC						
	STA	TION .	MACE	DONALE	GDNS	01	TAWA		N	5100	)1		MC	NTH A	UG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	15 18 27 18 18 20 19 22 21 34	15 17 26 18 18 24 22 22 21 27	14 17 21 16 18 20 21 22 25 26	15 17 21 16 17 20 21 23 30 27	15 17 23 17 17 19 20 24 25	15 16 23 16 17 19 21 26 27	17 18 22 16 16 19 24 24 43 29	17 19 23 16 17 18 24 29 29	17 17 19 16 17 19 24 27 28	19 18 18 17 17 20 23 24 27	19 17 18 16 20 21 22 25	17 17 16 15 20 20 24 24	19 20 17 17 16 20 26 24 22	22 20 17 16 15 20 20 24 22	23 18 17 17 14 19 20 21 23	19 17 17 18 14 19 20	20 17 16 17 14 19 20 20 20	19 17 16 18 14 19 22 21 20 21	18 18 17 17 15 21 25 20 21	20 18 17 18 17 22 34 19 26	19 21 18 24 19 21 37 153	18 23 17 21 20 21 25 29 41	19 23 17 18 21 21 22 265	20 23 17 18 20 22 29 19 36	18 19 17 17 20 23 28 25
11 12 13 14 15 16 17 18 19 20												- - - - - - - - - - - - - - - - - - -	DATA DATA DATA DATA DATA DATA DATA DATA	MISSIMISSIMISSIMISSIMISSIMISSIMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIMMISSIM	NG - NG - NG - NG - NG - NG - NG -										
21 22 23 24 25 26 27 28 29	30 20 21 18 29	27 18 22 18 26	27 19 25 20 24	26 17 35 19 25	25 17 31 19 27	26 17 23 19 25	26 17 24 20 26	30 17 27 22 26	27 16 22 21 26	26 17 19 20 27	26 18 18 19 30	24 16 17 18 23	23 16 15 17 21	23 15 13 16 20 MISSIN	21 14 11 15 16	20 13 10 15 13	19 19 12 9 15 12	20 21 10 9 15 12	20 21 12 9 16 14	24 20 16 14 19 15	26 22 20 15 24 12	26 20 22 15 23	27 20 23 16 24	29 19 21 17 28	24 17 18 19 21
30	16	16	16	17	17	18	18	18	18	16	16	1.5	15	1.4	1.4	15	1.5	16	16	17	22	24	26	24	17
31	23	26	25	24	25	27	29	26	26	22	22	23	23	24	22	23	23	22	24	27	22	25	30	29	25
MEAN	22	21	21	22	22	21	23	23	22	2 1	21	1.9	19	19	18	17	17	1.7	18	20	21	23	24	22	21

	POLL	JTANT	- TO	TAL H	/DROCA	RBONS	3						UN	ITS -	PART	S PER	TEN I	MILLI	N						
	STAT	ION -	MACDO	DNALD	GDNS.	OT	AWA		NO	5100	1		MO	NTH S	EP	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 23 4 5 6 7 8 9	26 29 24 27 26 19 13	28 31 25 28 26 24 19 13	27 31 25 28 27 20 19 14	27 33 25 28 28 20 20 14	27 33 26 30 29 22 17 14	26 35 26 30 29 22 18 14	26 40 25 32 32 20 18 15	28 31 26 31 33 21 19 14	26 28 26 29 35 20 18 15	24 25 25 28 35 20 18 15	14 16	23 25 24 26 28 17 14	21 24 29 27 17 13 13	19 23 23 27 28 16 10	18 23 27 23 16 8 12	18 23 22 26 20 16 8 11	25 23 22 26 21 16 8	26 22 23 26 24 16 8	27 22 24 27 25 16 9	27 23 27 27 25 16 10	28 24 32 29 27 17 11	29 24 29 28 16 12 13	29 24 29 26 24 17 14 13 15	29 24 28 26 25 17 12 15 16	25 27 25 28 27 19 14 13
10	17	18	18	19	20	21	22	21	20	19	18	15	14	12	11	9	8	7	1	9	11	13		17 0.00	
11 12 13 14 15 16 17 18 19 20	13 15 20 21 19 16 22 25	14 16 20 21 20 18 24 25	14 16 22 23 20 19 25 25	14 16 22 22 21 19 26 26	14 16 24 22 21 22 27 26	15 18 26 23 22 23 28 26	16 18 25 24 23 23 32 27	17 18 60 24 24 24 30 27	17 18 27 23 23 24 29 26	15 17 22 21 19 24 26 26	14 17 18 19 17 23 23 26			12 15 12 13 10 20 18 23 MISSI MISSI		11 22 12 12 18 18 18	10 19 13 11 9 19 18	9 17 13 13 10 19 20 17	9 17 19 13 11 20 21 21	12 17 27 14 11 21 22 26	12 18 30 15 13 23 23	12 18 43 16 14 20 24 25	14 19 27 17 14 19 24	15 19 21 17 16 21 24	13 17 23 18 16 21 23 24
21 22 23 24 25 26 27 28 29 30													DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
MEAN	21	21	22	22	23	23	24	26	23	22	21	19	18	17	16	16	16	16	17	19	20	21	20	20	20

PERCENTAGE OF DATA VALID - 59

						ONTAF	RIO N	INIST	7Y (	OF TH	HE E	NVIRO	NMENT	- AI	R MAI	NAGEME	ENT I	BRANCH	1						
	POLL	JTANT	- TO1	TAL HY	DROCA	RBONS	5						UN	ITS -	PART	S PER	TEN I	MILLIC	N						
	STAT	ION -	MACDO	DNALD	GDNS	отт	AWA		NO	5100	E		MO	итн о	CT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2													DATA	MISSI MISSI	NG -										
3												•	DATA	MISSI MISSI	NG -										
5 6													DATA	MISSI MISSI	NG -										
7 8													DATA	MISSI MISSI	NG -										
9 10														MISSI MISSI											
11	23	23	23	23	23	24	26	27	27	27	28	30	30	31	31	31 36	31 36	33 38	36 36	43 35	49 35	43 35	37 36	36 35	31 37
12 13	29 31	32 32	31 32	36 32	43 33	48 35	48	50 39	47 39 22	38 38 24	35 40 24	35 39 24	31 35 22	30 34 22	32 34 22	34 22	34	33	32 24	33	31 26	30 26	31	31 27	34
14	27 25	26 25	25 26	24 26	24 24 18	24 25 17	22 26 16	22 28 16	27	26 15	25	25	25 12	25	26	26 22	26 20	26 20	27 20	24	23 19	23	22	21	25 18
16 17	19 18 23	19 18 22	19 18 23	18 20 24	20	20	22		34	22	23	23	22	23	23 22	23	23	23 25	23 25	24	24 25	25 25	25 26	26 26	22 25
18 19 20	24 25	24	24	23	24	25 22	27	31	30	33	28	27	24	24	24	24	24	24 25	25 26	29 26	30 23	27 23	26 24	27 25	26
21	25	25	25	25	25	25	26	28	28	26	25	25	23	23	23	23	24	25	28	27	27	27	26	26	25
22	24 38	26 37	27 38	28 38	30 38	32 38	35 40	37 42	38	41	51	44	38 44	38 45	39 47	39 49	42 50	45 52	42 52	39 53	39 57	39 61	39 62	39 60	37 46
24 25	55 29	53 27	50 27	49	48	49	50 28	51 29	51 27	51 27	51 29	53 30	52 31	33	40	40	38 46	38 45	38 47	35 43	32 43	32 43	32 42	32 41	45 35
26 27	36 26	36 25	35 26	33 26	32 26	32 26	34 26	40 26	40 26	35 25	35 25	35 26	31 22	31 25	30 25	32 25	33 25	33 26	32 26	31 26	30 26	28 28	29 26	29 26	33 26
28 29	24	24	24	24	24 23	23	24 23	24 25	24	24 22	24 22	24 22	18	22 18	22 18	22 18	18	22 19	19	19	23 19	19	22	23 20	23 21
30	18	18	18	18	18	18	18	19	19	18	18	18	17	17	18	19	19	19	19	20	20	21	22	23	19
31	21	20	19	19	18	23	23	25	23	23	20	19		43.44	26	25	26	30	29	34	36	31	26	24	25
MEAN	27	27	26	27	27	28	29	30	30	29	29	29	27	26	28	29	29	30	30	30	30	30	30	29	29

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

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	POLL	UTANT	- TC	TAL H	YDROC	ARBON	IS						UI	VITS -	PART	S PER	TEN I	MILLI	NC						
	STAT	ION -	MACE	ONALD	GDNS	. 01	TAWA		NO	5100	1		MC	N HTMC	OV	73									
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1 2 3 4 5 6 7 8 9	23 19 19 18 17 18 18 18 19 25	22 19 18 17 18 18 18 20 25	22 19 19 18 17 18 18 18 19 25	23 19 19 18 16 18 19 20 24	21 19 19 18 17 17 18 19 20	21 19 19 18 18 17 18 19 21 24	22 19 18 18 17 19 22 21 25	24 19 18 18 19 19 22 25	25 20 18 18 18 20 21 21 25	25 21 18 18 17 18 20 21 20 25	25 19 18 18 17 17 20 21 20 24	27 20 18 18 16 17 20 22 20 23	27 20 18 18 16 17 19 22 20 22	27 20 18 18 16 17 18 22 20	22 21 18 18 15 17 21 20 22	22 21 18 17 15 17 19 21 22 23	21 18 17 16 18 20 21 23	21 18 17 16 19 22 21 23	21 18 17 16 19 23 21 23	21 20 18 18 16 19 21 123 23	21 20 19 18 17 19 20 24 25	20 19 19 18 17 19 18 20 24	20 19 19 18 18 19 18 20 25 26	19 18 18 18 19 20 25 26	23 20 18 17 18 17 18 20 21 24
112 13 14 15 16 17 18 19 20	26 26 21 23 33 27 27 28 25	26 24 21 23 226 27 285	26 23 20 23 30 22 26 28 27 25	26 23 20 22 30 22 26 27 28 24	26 23 20 23 29 22 26 28 28	26 23 20 24 26 22 26 28 27 24	26 24 20 25 24 22 26 28 27 24	27 26 22 28 24 22 26 28 29	25 30 23 29 23 26 29 30 24	25 26 23 25 24 27 28 29	25 25 23 23 24 27 27 28 24	27 23 21 23 24 26 26 28 24	29 24 22 21 23 24 26 27 27	26 23 20 23 24 26 27 27 23	26 23 23 23 27 26 26 24	24 23 24 * * * * 21 24 26 26 26 25	25 24 23 24 22 24 26 27 27	27 24 23 24 22 25 27 26 27 28	26 25 23 24 22 25 27 27 28 32	23 24 23 26 22 25 28 28 28	23 23 28 22 25 28 28 28 28 28	24 25 23 28 22 26 28 27 41	24 25 23 30 22 26 28 29 27 35	26 23 32 27 27 27 30 28 31	26 22 25 24 24 27 28 28 28
21 22 23 24 25 26	30 32	30 32	29 33	28 33	29 33	30 33	31 34	33 35	33 36	33 36	32 36	-	DATA DATA DATA	30 41 MISSI MISSI MISSI MISSI	NG - NG - NG -	30 41	31 47	31 48	32 43	31 37	32 29	20		32	31 36
27 28 29 30	19 18 21	19 18 21	19 18 21	18 18 21	18 18 21	18 18 21	19 18 21	20 19 22	21 21 23	20 21 23	19 21 23	19 21 23	19 21 23	19 21 22	19 21 21	20 19 21 21	20 20 21 21	20 22 21 21	20 20 21 21	20 19 21 21	20 18 21 21	20 18 21 22	20 18 21 22	20 18 21 22	19 20 22
MEAN	23	23	23	22	22	22	23	24	24	24	23	23	23	23	23	23	23	24	24	24	24	23	23	23	23

PERCENTAGE OF DATA VALID - 83

						ONTAR	RIO	MINIST	RY	OF TH	HE E	VVIRO	NMENT	- AIF	AM F	NAGEME	NT E	BRANCH	H						
	POLL	UTANT	- TO	TAL HY	YDROCA	RBONS	3						UN	ITS -	PART	S PER	TEN N	MILLIC	NC						
	STAT	ION -	MACDO	DNALD	GDNS.	OT.	TAWA		NO	5100	1		MO	NTH DE	EC .	7 3									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24 M	<b>IEAN</b>
1 2 3 4 5 6 7 8 9	22 25 24 26 22 25 28 27	22 25 24 26 22 21 29 27	22 24 24 26 22 21 31 26	22 24 24 26 22 22 24 25	22 24 24 25 21 21 22 37 25	23 24 24 26 21 21 23 34 25	23 24 27 21 20 22 31 25	23 24 24 30 220 220 239 25	24 24 25 23 21 25 22 45 25	23 25 25 35 24 21 22 40 25	23 25 26 32 23 21 22 37 25	23 26 26 23 21 22 32 25	22 24 25 27 24 22 31 25	23 24 24 25 23 22 23 30 24	23 24 25 24 24 22 23 28 24	23 24 24 24 24 22 23 27 24	23 24 23 24 23 23 27 40	23 24 23 24 23 24 23 24 26 24	23 24 25 25 25 25 25 25 26 28	23 24 25 26 26 26 26 26 27	24 24 24 23 25 28 26 27	24 24 25 27 22 28 27 28 27	24 24 25 22 32 28 32 28 32 26	25 24 6 22 22 22 22 23 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25	23 24 25 26 24 22 31 25 25
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11 12 13 14 15 16 17 18 19 20	25 26 18 19 19 17 19	25 23 19 19 19 19 17 19	25 23 22 19 19 19 17 19	24 23 1 8 8 9 9 8 9 9 1 9 9 1 9 9	24 23 20 18 18 19 18 19	24 23 18 18 18 18 20	24 23 19 18 18 19 18 21 20	24 24 19 17 18 19 18 18 20	25 19 17 18 18 19 24 20	25 19 17 18 18 18 19 24	26 25 19 17 18 18 19 26	26 24 20 17 18 19 18 19 25 21	25 17 19 18 18 19 28 20	21 17 18 18 17 19 25 20	23 19 20 19 18 18 17 20 23 20	22 19 21 19 19 18 17 20 23	22 20 21 19 18 16 20 24 20	22 21 19 18 17 16 20 27 20	22 23 21 20 18 18 17 20 30	23 26 21 19 18 19 17 20 27	23 26 21 19 18 19 17 20 23	23 26 20 19 18 19 17 20 21 19	23 30 20 19 18 18 17 20 21	23 29 20 19 18 18 17 20 21	24 24 21 18 18 18 18 19 23
21 22 23 24 26 27 29 30	18 17 20 19 22 21 23 27 21	18 17 20 19 21 21 22 24 21	18 17 19 19 20 21 21 24 22	17 17 18 19 20 21 21 21	17 17 18 19 20 20 20 24 21	17 17 18 19 20 20 24 24	17 17 17 19 21 20 23 24	17 17 17 19 21 20 22 23	17 17 17 20 21 20 22 25	17 17 17 20 21 20 21 22 26	17 18 17 20 20 21 21 22 25	17 18 17 20 20 21 21 21 26	17 19 17 20 20 22 21 21 21 24	17 19 17 20 19 23 21 21 24 MISSI	17 19 17 21 19 23 23 21 24 NG -	17 18 18 20 19 24 25 21 24	17 18 18 20 19 28 21 24	17 18 19 21 19 38 28 21 25	17 18 19 22 19 39 28 21 28	17 20 21 24 19 36 30 21 28	17 24 20 23 19 33 27 21 26	17 25 19 23 20 29 27 21	17 25 19 26 20 25 27 21	17 22 19 25 21 24 28 21	17 19 18 21 20 25 23 22 24
31												- 1	DATA	MISSIM	VG -										
MEAN	22	22	21	2.1	21	21	21	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23	23	23	22

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - MACDONALD GDNS. OTTAWA NO 51001

FREQUENCY DISTRIBUTION BY PERCENTILES

MIN

13.7

16.7 19.2

PERCENT OF DATA VALID

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	19	28	37
FEB	27	18	28	36
MAR	15	19	23	28
APR	18	21	43	94
MAY	4	19	18	26
JUN	28	19	24	36
JUL	28	17	22	39
AUG	19	21	28	65
SEP	1.8	20	28	60
OCT	21	29	4.6	62
NOV	26	23	36	48
DEC	29	22	31	45
YEAR	255	21	46	94

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - TOTAL HYDROCARBONS UNIT - PARTS PER TEN MILLION STATION - MACDONALD GDNS. OTTAWA NO 51001 00 TO 10 11 TO 19 20 TO 30 31 TO 60 61 TO 90 91 - 140 141-200 201&OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

FREQUENCY DISTRIBUTION, PERCENT

22.2 26.8

37.8

30 4

ARITH

20.6

MAX

UNITS - PARTS PER TEN MILLION

POLLUTANT - TOTAL HYDROCARBONS MONTH JAN STATION - MEMORIAL PK.CORNWALL NO 56051 24 MEAN HOUR DAY MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING 2 3 4 5 6 7 8 9 10 29 27 20 23 24 23 32 25 19 32 25 19 21 23 23 23 28 20 28 27 19 23 21 23 30 22 21 27 26 20 23 22 24 22 21 20 22 25 19 22 21 22 30 27 19 26 21 23 22 23 27 24 19 12 13 14 15 16 17 18 19 20 19 25 25 19 20 22 23 26 18 24 27 20 20 20 23 30 59 18 22 27 21 20 21 23 30 75 18 22 25 18 22 21 23 42 25 20 24 23 19 23 22 21 34 26 20 19 24 25 19 22 21 27 23 21 19 24 19 21 21 24 25 20 25 27 20 22 20 25 29 41 18 22 26 21 20 21 22 41 17 24 25 20 22 21 26 27 21 19 29 23 19 20 22 25 31 18 22 28 20 18 20 23 26 35 18 26 21 21 22 30 31 19 24 19 21 22 22 51 26 20 24 20 22 22 24 25 19 26 19 22 21 22 30 25 20 19 22 21 22 36 22 20 28 20 19 20 21 28 45 24 23 19 22 28 21 21 25 22 25 20 19 18 16 23 20 22 18 18 18 18 16 23 27 21 20 21 18 17 18 16 24 32 21 20 18 24 19 19 20 23 22 19 22 23 24 25 26 27 28 29 30 23 19 17 19 19 19 17 24 20 22 18 21 19 22 17 25 19 22 19 19 19 22 18 26 20 22 19 24 19 19 23 26 21 18 19 21 18 19 22 32 20 21 18 18 20 18 17 24 36 22 21 18 25 19 19 21 21 30 19 27 19 19 20 22 21 21 28 19 27 19 20 19 22 21 21 29 20 26 19 20 20 21 21 22 22 24 18 21 19 20 19 22 18 23 21 18 17 20 28 22 22 19 24 19 17 21 22 32 18 24 20 17 21 22 29 18 24 19 18 18 21 40 22 20 19 23 21 18 17 20 24 22 19 19 17 19 20 21 18 20 21 21 18 19 22 22 22 18 21 20 22 30 19 21 18 18 

ONTARIO MINISTRY OF THE ENVIRONMENT AIR MANAGEMENT BRANCH UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS

 

	STAT	TION -	MEMO	RIAL	PK CC	RNWAL	L		NO	5605	51		MC	NTH F	EB	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	25 21 20 17 34 25 17 33 35	25 * * * * 12 21 18 32 25 17 33 37	25 12 22 19 29 24 15 29 36	25 12 21 22 29 23 15 29 37	22 12 21 24 30 26 15 37	22 12 21 26 30 26 16 33 37	24 12 21 27 34 24 15 33 34	22 13 22 31 32 26 16 31 33	22 12 21 33 34 26 18 31 34	24 11 21 27 32 29 18 31 32	13 18 21 29 27 18 29 30	13 16 22 28 27 17 32 26	12 14 16 25 29 25 21 33 24	12 15 14 21 29 25 21 30 24	15 15 13 21 2, 25 23 30 24	19 17 13 19 24 25 24 33 22	23 14 18 13 20 23 29 22 36 24	24 12 18 14 23 23 28 24 37	21 12 20 14 26 23 28 25 39 27	22 14 20 14 26 23 24 25 41 29	21 12 21 14 27 23 24 25 41 34	20 14 21 14 29 24 22 26 39	20 22 21 16 29 24 19 29 36 39	21 20 21 16 31 26 16 33 35 44	23 *** 16 17 24 28 25 21 34 32
11 12 13 14 15 16 17 18 19	44	44	44	40	38	39	39	44	35	36	32	*	27 DATA DATA DATA DATA DATA DATA DATA	27 MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	26 NG - NG - NG - NG - ING - ING -	25	27			0000					
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MEAN	27	26	26	2.5	26	26	26	2.7	27	26	24	23	23	22	22	22	23	23	24	24	24	24	26	26	25

PERCENTAGE OF DATA VALID -

MEAN

PERCENTAGE OF DATA VALID -

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - MEMORIAL PK. CORNWALL MONTH MAR NO 56051 HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN DATA MISSING DATA MISSING
16 16 16
15 15 15
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11 11
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DATA MISSING
DATA MISSING 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 15 15 11 15 15 15 11 15 15 15 14 15 8 17 15 14 16 17 16 19 17 17 15 20 20 16 15 16 18 15 15 14 19 8 15 15 12 19 15 14 12 17 15 11 15 15 13 15 17 14 16 10 15 13 12 17 13 12 14 11 12 15 11 12 13 15 11 12 15 12 14 15 14 16 16 11 16 16 16 17 16 15 20 22 18 16 15 16 12 15 18 19 15 16 18 13 15 17 15 16 17 19 15 16 18 20 14 16 17 17 22 17 17 19 23 17 19 18 24 17 19 21 22 15 17 18 17 24 15 21 20 21 17 18 16 25 15 21 22 21 13 15 16 17 16 21 14 24 37 16 17 15 14 18 15 22 19 22 16 17 15 14 16 15 20 18 22 16 16 16 14 15 18 18 20 16 15 15 15 18 17 16 15 16 13 15 18 18 17 15 16 16 13 15 18 18 17 15 16 16 13 15 18 19 15 16 16 13 15 17 20 18 16 17 17 17 19 14 21 29 21 16 16 16 20 14 23 33 19 16 16 15 17 14 22 30 18 15 16 16 15 18 14 21 22 19 15 16 16 15 18 14 21 18 20 16 16 16 14 16 14 20 19 20 16 17 15 14 16 14 22 20 20 16 17 15 14 17 15 22 20 21 

  PERCENTAGE OF DATA VALID -

MEAN

						ONTA	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UNI	TS -	PART	S PER	TEN	MILLI	ON						
	STAT	ION -	MEMO	RIAL	PK,CO	RNWAL	L.		NO	5605	1		MON	ITH A	PR	73									
HOUF	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	14 8 9 8 7 10 15 15	13 7 9 7 10 15 13	13 7 9 10 7 10 15 15 13	12 69 8 7 11 15 12	12 6 9 8 6 12 16 14 12	11 6 10 9 5 12 16 14 12	9 6 9 10 6 12 16 14	9 7 10 11 7 13 16 14 12	9 6 11 11 8 14 16 14	9 6 10 11 7 16 14 13	8 14 10 11 7 13 16 12 11	7 14 10 13 8 12 15 12	8 13 9 12 10 12 13 10	8 13 10 12 10 12 14 11 10 8	9 14 10 8 10 12 15 11	9 13 10 8 11 13 16 11	9 14 10 9 12 16 12 12 12 12	9 13 9 8 11 12 17 12 10	9 12 9 7 11 13 16 14 10	7 11 9 8 12 14 18 14	7 11 9 8 13 14 19 15	7 9 8 8 13 15 17 15	7 10 8 7 11 16 15 13 10	9 10 8 7 11 16 15 13 10	9 10 9 9 13 16 13 11
10	10	10	10	10	11	11	11	12	12	13	11	11	11	11	12	11	11	11	12	14	14	14	15	16	12
11 12 13 14 15 16 17 18 19	15 13 11 21 11 14 20 15	13 12 17 11 14 20	15 14 12 14 10 14 20 15	15 13 12 14 11 14 21	13 14 13 11 15 22 14	11 15 12 13 12 11 15 18 14	13 12 12 11 15 18 15	12 13 12 13 12 13 18 16	16 13 13 11 13	13 13 13 13 11	13 12 11 12 13 14 16	12 12 12 12 13 14 12	11 11 13 13 15 13	1.5		12 12 19 14 17 18	14 12 14 15 15 19 19	13 12 14 12 16 21 20 16	13 12 16 14 16 22 21 18	15 12 20 18 16 23 23	16 12 20 13 16 24 24 20	16 12 19 10 16 25 21 21	16 12 22 10 15 24 19 21	15 13 22 11 15 22 16 21	12 14 14 13 17 19
21 22 23 24 25 26 27 28 29	20 22 17 12 15 26 12 7 9	20 22 18 13 14 19 13 7	20 22 18 14 13 15 13 7	20 22 16 16 13 16 14 6	20 22 16 16 14 16 14 7	19 22 14 17 14 15 14 7	18 21 14 17 14 16 13 7	18 21 13 17 13 16 12 7	17 20 12 16 13 16 11 8	19 20 12 14 13 16 12 8	19 20 12 13 11 16 10 8 11	19 21 11 11 13 10 9	19 20 11 10 11 12 11 8 12 5	19 21 10 11 11 10 11 8 12 6	20 22 9 14 11 10 10 9 12 6	21 23 10 12 12 10 10 10	24 22 10 11 10 10 11 13 6	26 22 10 12 11 11 10 11 13 6	26 22 10 12 12 11 9 12 14	31 21 10 12 14 11 8 11	31 20 10 12 18 13 9 10 14 8	25 19 11 13 28 13 9 9	23 19 11 15 30 15 7 9	22 19 11 14 28 15 7 9	22 21 12 14 15 14 11 9
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	POLL	UTANT	- TO	TAL H	YDROC.	ARBONS	S						U	NITS -	PART	S PEF	TEN	MILLI	ON						
	STAT	ION -	мемо	RIAL	PK.CO	RNWALI	L		NO	5605	1		M	N HTMC	MAY	73									
HOUR	Ť	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	9 9 11 13 14 15 18 13	7 8 11 13 13 15 18 13	8 9 10 11 12 14 18 18 13	7 12 10 11 12 14 18 18 12	7 13 10 12 12 14 18 18 12	7 12 12 12 12 15 19 18 12	7 18 12 11 12 14 18 18 14	12 13 12 13 18 18 18	9 11 11 12 12 13 18 16	9 10 13 11 12 13 17 15	8 10 11 10 12 14 18 15 21	8 11 11 12 12 14 18 14 15	7 11 14 13 12 14 18 14 15	7 11 13 13 15 18 14 17	7 11 14 15 12 14 18 17 18	8 11 14 15 12 14 17 18 19	6 11 14 14 12 15 17 16 14	6 13 13 13 14 16 14 14	8 11 14 12 13 14 16 15	8 10 12 13 13 15 16 13 12	9 10 12 13 14 18 16 13 12	8 12 13 15 15 16 12	7 12 10 13 15 14 16 12 12	8 12 10 13 15 16 13 12	8 11 12 12 13 14 17 16 14
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31	20	19	17	20	19	18	17	18	18	18	17	17	17	16	17	17	16	16	16	1.4	14	29	17	16	1.8
MEAN	14	14	1.4	14	1.4	15	1.5	1.5	1.4	1.4	14	14	14	14	15	16	1.5	14	15	14	15	16	15	15	1.5

PERCENTAGE OF DATA VALID - 40

						ONTA	RIO	MINIS	TRY	OF T	HE EI	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANCE	Н						
	POLL	UTANT	- TO	TAL H	YDROC	ARBON	S						UN	ITS -	PART	S PER	TEN	MILLI	NC						
	STAT	ION -	MEMO	RIAL	PK.CO	RNWAL	L		NO	5605	Ĭ		MC	NTH J	UN	73									
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11 12 13 14 15 16 17 18 19 20	12 15 17 20 16 14	12 16 17 21 16 14	12 16 17 21 16 14	14 15 17 21 16 14	15 15 18 20 16 15	14 16 20 20 17 16	13 20 20 19 16	14 18 18 20 18 16	17 15 17 18 21 18 15	18 15 17 17 20 18 15	17 14 15 17 19 18 16	16 14 16 16 19 18 17	16 13 16 14 19 18 17 DATA	17 14 16 15 18 18 17 MISSI 16	18 16 15 18 19 18 NG -	20 13 16 15 19 18 20	19 14 15 18 17 22	20 14 15 15 19 17 22	16 14 17 15 18 16 21	15 15 18 16 18 15 19	13			12 14 17 19 17 14	16 14 16 17 19 17 17
21 22 23 24 25 26 27 28 29 30	14 14 15 15 15 12 15 20 13	14 14 15 14 12 15 20 13	14 15 14 13 11 18 19	13 17 14 12 10 16 19	13 16 15 12 10 21 18 12	13 16 16 12 10 22	14 17 16 12 10 18 18	14 17 17 12 11 18 18	15 17 15 12 12 12 18 10	15 15 15 11 13 23 18 12	14 15 14 11 14 20 18	14 15 14 11 16 24 18 12	14 15 14 10 16 18 18 14 DATA	14 15 14 12	14 14 14 13 19 20 16 NG	14 14 14 13 18 21 21	15 14 15 13 17 21 21	16 15 15 13 17 21 21	15 15 16 14 15 24 20 13	16 15 17 15 16 24	16 15 16 15 16 23 15	15 13 16 14 18 21 14	15 13 16 13 14 20	14 15 15 13 15 20 13	14 15 15 13 14 20 18 13
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POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - MEMORIAL PK.CORNWALL NO 56051 MONTH JUL 14 15 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 1.1 MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING 8 10 10 13 13 17 15 19 8 7 10 11 14 13 17 13 26 9 10 11 13 13 22 15 18 9 10 11 13 13 24 14 9 10 11 13 14 26 14 18 10 12 16 16 29 15 20 11 10 12 13 25 21 30 15 22 11 10 11 13 24 26 30 14 22 10 10 11 15 20 33 29 14 22 10 10 11 16 17 31 28 14 23 10 9 10 12 16 19 23 17 18 14 10 9 13 16 17 27 25 13 14 10 10 13 15 18 29 24 14 13 10 11 13 15 21 23 23 13 14 10 11 13 15 18 20 22 12 14 11 10 13 16 25 21 13 13 10 13 18 28 22 21 12 10 10 13 19 25 19 21 15 10 10 14 11 8 11 12 20 17 16 16 10 8 10 12 16 17 17 14 15 9 7 10 12 15 14 23 13 8 10 11 13 13 17 13 25 7 9 11 12 12 14 20 15 18 10 11 12 13 19 14 17 21 16 18 17 21 17 17 21 25 20 32 22 27 24 27 20 23 23 25 20 16 16 19 20 22 21 25 21 15 17 17 21 17 17 22 20 25 23 18 15 17 24 21 30 27 21 35 22 20 26 21 22 24 23 20 15 16 20 24 23 23 19 25 23 22 21 28 23 22 25 27 26 25 18 19 20 19 24 18 19 19 19 23 18 18 20 19 22 18 18 21 20 22 27 29 26 22 31 28 27 23 20 26 23 24 19 20 22 20 25 18 16 16 18 15 20 21 29 14 20 21 16 15 21 20 15 23 24 18 14 17 18 16 13 18 16 13 16 14 16 15 18 16 15 16 15 16 16 18 16 14 17 16 18 15 22 16 17 14 17 15 22 15 17 15 22 

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	POLI	LUTANI	- TO	TAL I	HYDRO	CARBON	1S						U	NITS -	PART	S PER	TEN	MILLI	ON						
	STA	TION -	MEMO	RIAL	PK,C	ORNWAL	L		NO	5605	1		м	ONTH A	UG	73									
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1 2 3 4 5 6 7 8 9	21 16 17 18 17 23 25	20 16 17 18 17 23 24	20 15 17 18 17 23 24	19 15 17 17 17 24 24	19 14 16 17 17 24 24	19 15 16 17 17 25 24	19 16 16 16 17 25 25	18 17 16 16 17 25 25	18 17 16 15 17 25 25	18 16 15 15 17 24 24	17 16 15 15 17 24 24	28 17 15 15 15 17 23 24	26 17 14 15 16 17 24 DATA	17 14 16 16 17 25	19 17 15 16 15 25 25 NG	27 18 17 15 16 15 25 25	26 18 18 15 16 15 22 26	26 19 18 15 17 15 18 27	25 19 18 16 18 15 19 28	24 20 18 16 19 16 21 29	25 21 18 17 18 16 23 30	24 21 19 18 18 16 23 28	21 18 18 18 16 23 28	20 17 17 18 16 23 27	18 16 17 16 19 25 24
11 12 13 14 15 16 17 18 19	17 17 18 18 18 21 19 24	18 18 17 18 19 19	17 18 17 18 19 20 21	17 19 18 19 25 20 21	17 19 18 18 28 23 23	17 19 21 20 31 23 25	17 20 23 21 32 25 29	17 21 22 19 22 23 23	16 20 22 19 20 22 20	15 19 20 20 20 21 20	15 18 18 20 18 20	14 17 17 18 17		18 17 15 18		17 16 17 16 16 19 20	16 17 16 18 17 16 18	16 18 17 18 21 17	16 19 17 18 21 18 20 21	18 19 18 22 21 19 21	20 19 19 21 30 19 22 27	19 18 19 21 32 20 21 23	18 19 19 20 28 19 22	17 17 18 19 25 19 26 21	17 18 19 20 20 21 21
21 22 23 24 25 26 27 28 29	19 20 34	18 22 33	17 24 30	18 25 29	18 26 28	19 26 28	19 26 28	19 27 28	18 26 24	18 28 21	17 29 19	16 30 18	DATA DATA DATA DATA DATA	27	NG - NG - NG - NG -	17 23 0 0 0 0	17 22 	19 21	19 22 	19 27	18 32	18 34	19 35	19 34 ****	18 27 ***
31												*	DATA	MISSI	NG -										
MEAN	20	20	20	20	21	21	22	21	20	19	19	19	19	18	18	19	18	19	19	21	22	22	21	21	20

POLLUTANT - TOTAL HYDROCARBONS

UNITS - PARTS PER TEN MILLION

	STAT	ION -	MEMO	DRIAL	PK.CC	RNWAL	L		NO	560	51		M	S HTMC	EP	73									
HOUR DAY 1 2 3 4 4 5 6 6 7 8 9 1 0	1	2	3	4	5	6	7	8	9	10	17	12	DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -	16	17	18	19	20	21	22	23	24	MEAN
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21 223 244 256 27 28 29 30	23 21 19 19 23 17 16 20	24 19 20 19 25 17 16 19	20 18 22 18 24 17 17 18	18 18 20 18 23 17 17 17	19 17 20 18 23 16 17 17	20 17 89 18 22 16 17 19	19 17 49 18 22 17 15 15	19 16 26 19 22 17 13 16	19 16 21 21 21 17 12 15	19 16 17 19 21 17 13 12	17 16 17 18 20 16 11 12	19 17 17 18 20 14 11 13	16 16 18 19 18 13 12 12 10 DATA	16 15 20 19 17 18 11 10 9 MISSI	16 17 17 19 18 14 13 9	16 17 18 17 **** 13 12 9	18 17 21 17 13 13 11 10	17 17 22 17 13 16 12 10	18 17 21 17 14 17 11	21 17 21 19 14 17 12	23 18 21 19 18 16 12 13	22 19 20 20 21 17 13 22	21 19 20 20 18 15 15	21 20 19 22 16 15 18 13	19 17 24 19 19 16 14 14
MEAN	19	19	18	1.8	18	25	20	18	17	16	16	1.6	15	1.5	15	14	15	16	16	18	1.8	20	18	19	17

PERCENTAGE OF DATA VALID - 30

						ONTA	ARIO	MINIS	STRY	OF T	HE E	NVIR	DNMEN.	T - AI	R MA	NAGEN	MENT	BRANC	Н						
	POLL	UTANT	r - TO	TAL F	YDRO	CARBON	VS.						U	NITS -	PART	S PEF	TEN	MILL	ON						
	STAT	ION -	MEMO	RIAL	PK.C	DRNWAL	L		N	5605	1		M	о нтис	CT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	24 19 17 18 16 17 30 27	24 17 18 17 16 17 26 27	23 18 17 17 16 16 21 22 18	23 17 17 16 16 15 19 20	23 15 19 17 16 15 18 20 20	25 15 20 19 18 16 18 23	25 14 21 20 16 16 20 22 16	24 15 21 18 16 16 19 26	26 18 24 16 15 13 16 24	23 22 27 17 15 13 14 23 13	22 22 25 15 15 12 13 16	21 23 18 15 15 15 12 13 15	19 26 18 17 16 15 12 14 14	17 25 16 18 18 15 12 13 13	16 24 15 19 18 16 13 13	17 22 15 21 18 17 14 13 13	17 21 16 22 **** 19 14 12 15	18 21 16 23 19 21 16 14 18	22 18 18 21 19 21 23 18 23 15	22 19 21 22 19 21 26 22 37 15	27 18 19 20 19 22 29 21 51	27 19 20 20 18 21 38 19 53	25 22 19 19 18 19 42 19 41	24 22 18 18 17 17 33 21 28	23 18 20 18 17 19 18 24
11 12 13 14 15 16 17 18 19 20	15 30 21 19 16 22	16 24 22 19 16 22	15 21 21 19 16 21	1592960 160	15 19 22 19 16 20	16 19 22 19 17 20	17 19 23 19 19	21 22 20 20 20	24 23 20 21 20	24 23 17 18 18	18 21 23 16 15	*	DATA DATA DATA	17 17 22 14 19 MISSI MISSI MISSI MISSI	NG - NG - NG -	17 18 21 15 20	19 18 22 14 19	20 18 22 15 20	22 21 15 20	25 23 21 16 22	29 27 21 18 23	33 26 19 17 23	40 25 19 17 22	42 22 19 17 22	21 21 22 17 19
21 22 23 24 25 26 27 28 29 30												#0 # # # #	DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
31													DATA	MISSI	NG -										
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	POLL	UTAN	т - т	OTAL	HYDE	ROCARB	ONS						U	NITS -	PAR	TS PE	R TEN	MILL	ION						
	STAT	ION	- MEN	ORIAL	PK,	CORNW	ALL		N	5605	1		M	N HTMC	IOV	73									
HOUR DAY 1	1	2	3	4		5	6 7	8	9	10	11			14 MISSI		16	1.7	18	19	20	21	22	23	24	MEAN
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#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - MEMORIAL PK.CORNWALL

NOV

DEC

YEAR

NO 56051

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS 24-HOUR MAXIMUM MAXIMUM READING DAYS OF VALID DATA AVERAGE CONC. MONTH JAN FEB MAR APR MAY JUN JUL AUG SEP OCT 

DATA MISSING

		ONTARIO	O MINISTRY	OF THE	ENVIRONMENT	- AIR MAN	AGEMENT BE	RANCH		
MONTHLY G	ROUP FREQU	JENCY CLASSIF	ICATION FOR	73						
POLLUTANT	- TOTAL H	HYDROCARBONS			UNIT	- PARTS PE	R TEN MILL	ION		
STATION -	MEMORIAL	PK, CORNWALL	1	NO 56051						
	00 TO 10	11 TO 19	20 TO 30	31 TO 60	61 TO 90	91 - 140	141-200	201&OVER	TOTAL	
JAN	0	139	350	19	1	0	0	0	509	
FEB	0	59	126	54	0	0	0	O	239	
MAR	18	339	43	2	٥	0	0	0	402	
APR	188	434	64	2	0	0	0	0	688	
MAY	3 7	244	22	0	0	0	0	0	303	
JUN	8	434	119	3	0	0	0	0	564	
JUL	5.1	267	1 4 8	5	O	0	Ó	0	471	
AUG	0	253	153	9	0	0	0	0	415	
SEP	8	157	52	1	Ĭ	0	0	0	219	
OCT	0	208	135	1.0	0	0	0	0	353	
NOV	0	O	4	0	0	0	0	0	4	
DEC		DATA MISSING	G							
YEAR	310	2534	1216	105	2	O	0	0	4167	
FREQUENCY	DISTRIBUT	TION BY PERCEN	NTILES							
	PERCENT OF DATA VALID	MIN	10 3		CONCENTRA NCY DISTRIBU 70			99		ITH
	51	5	10 7 14	3 16.7	19 3	23 9 26	9 31.6	35 6	89 1	7.7

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION STATION - ASH ST WATER TANK SUDBURY NO 77016 MONTH JAN HOUR DAY 24 MEAN 17 21 17 20 21 20 20 20 17 21 16 19 17 19 17 21 21 19 17 20 17 19 21 21 2 3 4 5 6 7 8 9 10 DATA MISSING 31 32 32 33 32 32 32 32 32 12 13 14 15 16 17 18 19 20 31 35 20 31 35 21 31 32 21 31 31 21 29 19 22 28 17 22 26 18 23 26 18 23 26 18 23 26 17 25 26 17 26 25 19 25 18 25 19 25 19 25 19 27 19 31 19 25 21 25 17 22 23 24 25 26 27 28 29 30 22 23 20 21 15 26 23 17 19 20 21 15 21 17 18 19 19 21 16 20 29 20 17 18 21 16 20 29 19 18 17 18 21 16 20 29 18 17 17 21 16 20 26 18 17 17 17 21 16 21 25 17 18 17 18 22 17 21 31 17 17 18 17 19 23 17 21 48 19 17 19 22 21 19 21 28 18 18 78 21 21 21 25 18 33 19 23 19 21 22 25 17 18 24 20 23 17 21 22 25 17 18 22 19 17 21 23 27 16 18 22 19 29 17 24 25 29 17 18 25 21 27 17 23 22 27 17 18 23 20 25 18 21 22 25 17 18 21 18 25 17 20 21 24 17 18 21 25 16 20 21 25 17 21 18 24 15 20 23 24 17 17 19 22 15 21 23 23 16 17 19 22 19 19 22 28 18 18 24 19 21 23 28 18 18 25 19 33 18 18 41 18 19 MEAN 

PERCENTAGE OF DATA VALID - 53

						ONTA	RIO I	MINIS	TRY	OF T	HE E	NVIRO	MENT	- AIF	R MAI	NAGEM	ENT I	BRANCI	4						
	POLL	UTANT	- TO	TAL H	DROC	ARBON	S						UN]	TS -	PART	S PER	TEN I	MILLI(	ON						
	STAT	ION -	ASH	ST WAT	TER T	ANK SI	UDBUR'	(	NO	7701	6		MON	NTH FE	В	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	1.2	13	1.4	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	15 17 15 17 11 15 21 15 15	15 17 15 17 11 14 20 14 15	13 17 15 17 11 14 19 13 17	13 17 16 16 11 15 19 13 16	12 17 17 15 11 15 18 13 17	12 17 17 15 11 14 19 13 18	13 19 15 15 13 15 18 14 18	14 21 15 16 14 17 18 15 17	15 22 15 16 15 20 17 16 17	16 23 16 17 39 19 18 18 18	16 22 16 16 41 19 17 18	15 24 17 16 17 17 17 16 18	15 23 17 16 15 17 17 16 17	16 21 17 16 15 17 17 16 19	16 21 17 15 16 17 16 17	17 22 17 15 16 18 15 16 18	19 21 17 15 17 18 16 15 17	19 21 17 15 20 21 17 15 19 21	18 18 16 13 20 20 17 17 18 20	18 18 17 13 20 21 15 16 18 21	18 19 17 12 17 21 14 15 17 22	17 17 17 12 15 21 15 15 17 22	17 15 17 11 17 20 14 15 17 21	17 15 18 11 17 21 14 15 16 21	16 19 16 15 17 18 17 15 17
11 12 13 14 15 16 17 18 19	20 24 23 33 11 14 11 19 25	20 21 24 25 11 14 11 19 24	19 19 23 23 11 14 11 21 25	19 19 19 17 11 14 11 19 25	19 18 20 18 10 14 11 19 23	19 17 19 19 10 14 11 19 23	19 19 19 20 10 14 11 19 22	18 24 21 21 10 15 12 19 22	18 27 26 23 10 15 12 19 22	18 24 33 25 11 14 11 19 22	18 47 11 13 12 19 22 13	17 13 39 19 11 11 11 19 17	19 13 29 13 12 15 18 24 18	19 13 25 13 12 15 17 22 18	19 13 23 13 12 15 15 15 22 17	18 15 25 12 11 15 15 22 17	19 22 27 12 11 13 15 22 19 22	21 23 27 12 10 13 15 23 19 26	22 21 28 11 10 13 15 23 19 26	22 21 36 11 10 12 15 23 18 25	21 22 30 10 11 11 15 23 16 25	21 26 22 9 10 12 15 23 13 23	22 27 26 9 11 11 15 22 12	24 27 41 9 10 12 15 22 12	20 27 16 11 13 13 21 20
21 22 23 24 25 26 27 28	25 18 27 18 20 24 18	22 17 25 19 21 23 15	23 17 24 17 22 22 12	21 17 19 17 22 21 11	20 17 18 17 22 20 11	19 16 21 16 19 20 11	18 16 17 15 19 21	19 17 14 15 19 21 10	20 19 13 15 20 22 11	21 15 15 19	19 15 15 15 23 11 15	18 15 15 14 22 15 11	20 14 19 19 22 14 15	22 14 19 19 21 15 12	18 13 17 19 20 13 13	19 13 16 17 20 13 14	19 13 16 19 22 13 14	19 13 17 18 23 14 14	19 14 17 18 23 15 12	21 21 16 18 25 14 12 18	19 27 16 17 23 14 12	19 29 16 17 23 15 12	19 25 16 17 23 15 12 23	17 17 16 17 22 18 11	20 17 18 17 21 17 12
MEAN	18	18	17	16	16	16	16	17	17	19	19	1.7	17	17	17	1.7	18	18	18	18	18	18	18	18	17

POLLUTANT - TOTAL HYDROCARBONS UNITS - PARTS PER TEN MILLION MONTH MAR STATION - ASH ST WATER TANK SUDBURY NO 77016 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 17 21 12 11 19 19 13 17 20 17 18 19 12 11 17 18 14 17 16 17 18 14 11 15 17 13 1914 115 1613 15 15 19 20 13 11 15 15 15 16 18 16 13 15 16 17 15 15 18 21 17 13 17 17 17 14 15 19 22 15 12 19 17 17 14 20 21 15 12 17 17 18 15 22 23 15 13 19 17 19 15 17 22 23 14 15 17 17 15 16 21 23 13 15 22 19 15 16 21 23 13 14 25 19 17 19 18 21 23 12 13 25 19 15 17 18 22 12 13 24 18 13 17 18 21 12 12 22 19 13 18 20 17 20 13 11 18 19 13 17 19 13 11 17 21 14 16 18 16 18 19 12 11 16 17 14 18 17 13 13 15 16 15 19 17 13 15 17 17 15 15 23 17 13 17 17 23 16 13 17 18 16 14 23 16 12 18 19 16 17 21 15 13 17 17 16 15 17 16 19 17 17 15 15 13 10 10 12 12 20 15 16 12 13 12 9 10 14 20 15 13 12 12 11 9 11 13 20 16 13 12 11 11 8 11 18 19 14 13 11 11 8 11 13 17 19 15 17 12 11 13 18 18 16 19 12 11 14 15 19 16 17 13 11 13 16 15 16 17 14 10 11 16 15 17 14 10 13 13 17 17 15 18 14 10 10 13 13 16 18 15 17 10 10 13 12 16 18 15 16 15 9 14 12 16 18 14 15 9 10 14 10 16 17 13 14 14 8 10 14 17 17 13 15 14 9 10 13 17 17 13 15 13 19 10 13 9 16 17 13 15 13 9 10 13 9 16 15 13 13 13 8 9 13 8 17 16 14 13 12 8 11 14 8 21 17 16 13 13 12 9 11 19 15 16 14 13 12 10 14 20 16 16 13 13 11 9 10 13 11 9 13 13 11 9 9° 13 15 13 19 19 16 13 15 16 13 19 21 16 13 17 14 16 13 25 19 23 14 15 18 23 19 23 15 16 22 14 15 20 23 12 15 21 21 12 15 17 22 21 13 17 22 20 14 19 21 20 13 17 15 21 24 13 17 20 28 23 13 17 17 27 18 22 13 16 18 22 21 13 18 17 19 14 18 21 24 13 17 17 31 19 23 13 16 17 22 20 17 13 15 19 23 17 14 17 15 23 15 19 20 17 14 15 17 20 16 14 15 15 21 16 13 19 14 21 16 14 17 14 17 23 17 15 17 17 DATA MISSING MEAN 1.5 

PERCENTAGE OF DATA VALID - 89

						ONT.	ARIO	MINIS	STRY	OF	THE E	ENVIRO	NMENT	- AI	R MA	ANAGEN	MENT	BRANG	CH						
	POL	LUTAN	т . т	OTAL	HYDRO	CARBO	NS						UN	IITS -	PAR	TS PER	R TEN	MILL	ON						
	STA	TION	- ASH	ST W	ATER	TANK	SUDBU	RY	N	770	16		MC	NTH A	PR	73									
HOUR	1	2	3	4	5	6	.7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 23 4 5 6 7 8 9	13 15 15	13	12  14 15	12	12 13 15	11	11 13 15	11 15	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 0 0 0 0 0 0 1 1	15 16 13 14 16	15 15 14 13 14 16	DATA 16 17 13 14 15 15	MISSI 16 17 12 13 15 15 15	NG - 16 17 11 13 14 15 13 14	15 20 11 13 14 14 12 12	15 **** 11 13 14 *** 12 13	17 **** 11 13 14 *** 12 13	15 0 * 0 0 0 13 13 13 14 0 * 0 0 0 0 12	15 13 13 14 14 	12 13 13	0000 0000 13 13 13 14 0000 13	13 13 14 14	13	12 0000 14 0000
11 12 13 14 15 16 17 18 19	14 17 16 17 19 15	15 15 16 17 19 16 19	14 15 16 17 19 16 19	15 15 16 17 19 16 19	14 17 17 17 19 19	13 17 17 17 20 17 18	13 17 17 17 17 19 17	12 17 17 16 19 17 21	11 17 15 16 19 17 21	11 16 16 18 19	12 17 16 16 22 18	12 17 16 17 22 17	14 17 17 19 20 18	15 17 17 19 20 18	14 15 17 18 19 20 18	14 15 17 18 19 20 17	12 15 15 18 17 19 17 *****	11 14 15 18 17 19 17	11 14 15 18 19 17	12 14 15 17 19 17 16 ****	13 15 15 18 19 18 16 ****	13 16 15 17 19 19 17 ****	13 15 17 19 18 17 ****	15 14 16 19 17	14 16 17 18 19 17
21 22 23 24 25 26 27 28 29 30	24 21 20 15 11 14 17 14 15	23 20 16 11 12 15 13	22 23 19 16 9 11 16 15 17	23 20 15 12 13 16 14 17	23 23 20 15 13 13 15 14 17	22 22 20 17 14 13 15 17	23 22 19 15 15 15 15 16	22 21 18 17 13 13 17 17	25 22 18 19 13 16 15 17	24 22 17 2828 14 14 18 15 16	23 21 17 ***** 14 14 17 15 16	24 23 17 11 13 14 16 15 17	25 12 15 12 13 15 15 17	25 23 17 13 17 17 15 14 17	25 23 17 12 16 18 15 15	25 22 17 12 15 20 15 13 17	24 21 15 12 17 21 13 14 19	24 21 17 12 16 21 15 15 19	25 21 17 13 15 17 13 14 17	26 21 17 13 14 17 15 15	25 19 15 12 14 17 15 15 17	26 20 15 11 14 15 13 15 17	25 19 14 12 16 15 13 15 17	24 19 15 11 19 16 14 15 17	24 22 17 14 14 15 15 17
MEAN	16	16	16	16	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLU	JTANT	- TO	TAL HY	DROCA	ARBONS	3						UNI	TS -	PARTS	S PER	TEN M	MILLIC	N						
	STATE	ON -	ASH :	ST WAT	TER TA	ANK SI	JDBURY		NO	7701	6		MON	ITH MA	YY 7	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	(E)(C) (S)	MEAN
DAY 1 2 3 4 5 6 7	11 15 19 15 13 15 27	10 15 17 13 13 15 26	12 16 17 14 13 16 22	11 15 17 13 13 16 19	11 15 17 13 13 17 18	10 15 16 14 13 17 19	11 15 17 14 14 17 21	12 19 17 15 13 17 23	13 21 15 13 16 21 18	11 21 14 13 16	13 21 17 14 13 17	13 21 15 15 13 17 18	13 21 15 13 14 17 17	13 19 17 13 14 18 16	13 18 17 14 15 21 16 18	14 18 16 14 16 21 15	14 19 17 14 15 23 16 18	13 19 17 15 17 23 16	12 18 15 15 15 15 21 16	12 19 14 15 15 21 16	12 19 15 15 15 21 16	13 19 16 14 16 20 16	13 18 16 14 15 21 16	13 17 15 13 16 23 15	12 18 16 14 14 19 18 17
9	14 19	15 19	15 19	15 19	16 19	17 18	17	17 19	16 20	17 20	19 19	18	18 19	19 19	19	21 18	20 20	21 19	19 19	19 19	21 20	21 20	23 19	21 22	19
11 12 13 14 15 16 17 18 19 20	21 18 15 20 18 17 13 14 18 21	19 17 15 20 17 17 13 18 22	18 17 15 21 17 17 15 14 17 21	19 16 16 21 18 17 13 14 17	20 17 16 19 18 18 13 15 18 21	20 17 16 19 18 17 15 15	19 17 16 19 18 18 13 14 18 23	19 17 16 17 18 18 14 14 18	17 16 19 29 19 15 15 18 20	18 16 15 19 29 15 17 18 20	18 16 15 19 23 19 16 20 18	17 16 15 19 20 17 17 19 19	17 17 15 17 19 18 15 17 19 23	19 15 16 25 22 19 15 19 26	19 15 16 27 23 18 15 21 21	18 16 16 27 22 17 18 21 22 20	17 16 17 25 20 15 15 20 23 20	17 16 17 24 19 14 13 20 24 21	24 15 16 23 19 14 13 20 24 20	41 15 16 21 19 13 13 19 23	30 15 16 20 17 13 13 21 23	20 15 18 20 18 14 15 22 21	18 15 19 19 17 14 14 21 21	17 15 19 19 17 13 17 19 21	20 16 16 21 20 16 15 18 20 21
21 22 23 24 25 26 27 28 29 30	18 15 21 18 21 19 15 19 15 23	20 15 22 18 20 28 20 20 15 25	18 16 21 19 18 25 20 19 15 25	19 17 21 18 18 19 19 18 15 23	19 18 20 19 17 19 17 18 15 22	18 19 19 17 18 17 17 15 23	18 19 19 19 17 18 17 18 15 24	19 19 21 19 17 18 16 18 15 24	18 21 23 17 19 17 15 17	19 19 22 18 17 17 15 17	17 26 21 19 16 16 15 16 17 21	18 28 21 18 15 16 15 17 17	19 28 21 18 15 19 16 18 16 23	19 29 23 17 19 19 16 19 17 23	19 27 22 16 21 19 17 19 18 27	19 27 23 15 18 21 18 19 18 23	17 25 23 15 18 23 19 19 19	17 22 21 15 18 21 19 16 20 25	17 20 21 15 19 19 21 17 23 27	17 19 20 15 20 19 22 17 21 27	17 20 19 19 19 18 21 15 22 29	17 21 21 22 19 18 21 15 21 29	17 20 21 20 19 17 21 15 23 27	17 20 19 21 19 15 19 14 23 27	18 21 21 18 18 19 18 17 18 24
31 MEAN	26 18	25 18	27 18	28 17	32 18	35 18	38 18	38 18	29 18	25 18	27 18	27 18	27 18	27 19	26 19	19 19	21 19	25 19	31 19	19	33 19	19	19	19	18

PERCENTAGE OF DATA VALID - 99

						ONTA	ARIO	MINIS	TRY	OF TH	HE E	NVIR	DNMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POL	UTANI	- то	TAL F	1YDRO	CARBO	NS						UN	NITS -	PART	S PER	TEN	MILLI	ON						
	STA	TION -	ASH	ST WA	TER '	TANK S	SUDBUR	ΙΥ	NO	77016	5		M	ONTH J	UN	7.3									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	1.6	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	33 17 33 22 24	32 15 31 23 ****	32 15 27 23 23	34 15 23 23 23	35 15 22 23 23	33 15 21 25 25 23	34 13 19 26	37 13 18 28	39 13 17 21 25	35 14 17 19 24 21	33 14 19 27 22 21	32 14 19 26 21 23	DATA	27 17 21 28 21 MISSI MISSI MISSI MISSI	NG -	22 23 23 27 20	22 23 23 19	22 23 23 • • • • 19	22 21 23 20	20 22 25 	19 22 25 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	18 21 25 ****	18 21 25 	17 26 23 **** 25	28 18 23 25
11 12 13 14 15 16 17 18 19	21 18 18 17 22 34 25	20 18 17 18 22 35 25	20 18 16 18 22 35 25	19 21 14 18 22 33 25	19 21 13 18 23 31 25	19 21 13 18 23 31 25	19 21 13 17 23 31 25	19 20 12 17 23 32 26	19 12 17 26 37 26	19 42 13 17 25 35 27	30 19 21 13 17 19 34 27	30 19 21 13 17 19 33 27	DATA DATA 28 19 19 13 18 21 35 27	MISSI 27 19 19 13 18 23 39 27	NG - NG - 28 18 19 14 19 26 44 27	31 18 21 14 20 23 32 26	34 17 22 14 20 23 27 26	31 16 23 15 21 23 29 26	29 14 21 15 21 25 27	29 15 20 16 21 29 23 29	29 17 18 17 21 32 24 28	29 19 17 17 23 52 26 31	24 21 17 17 23 38 25 31	22 20 18 17 21 33 25 31	19 21 15 19 26 31 27
21 223 24 225 227 229 230	31 35 25 19 23 28 19 17	30 34 23 19 21 19 19 17	29 34 25 19 19 19 19 17 16	29 33 24 19 20 19 17 20	27 33 24 18 21 19 19 20 17	27 33 23 18 21 19 19 20 17	27 34 23 18 21 19 18 20 18	28 33 23 19 21 19 18 21 16	31 25 19 21 25 20 38	19 31 26 19 21 27 23 30 20	20 31 26 19 21 25 21 20 18	23 31 27 18 21 22 21 17 16		31 27 29 21 23 24 18 15	33 21 29 21 22 22 21 17 15	35 25 25 23 21 26 20 19 15	39 23 21 26 21 23 20 19 15	37 25 21 29 21 21 20 17 16	36 25 21 22 19 21 20 15 16	35 25 24 19 22 20 17 16	35 25 20 22 18 23 22 17 16	356 225 122 122 122 15 16	34 25 19 19 27 15 16	35 22 25 45 19 21 15 16	30 29 24 21 22 20 20 16 17
MEAN	24	23	22	22	22	22	22	22	24	24	22	22	22	23	23	23	22	22	22	22	22	23	23	24	23

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY NO 77016 MONTH SEP 73

	SIA	LON	- ASH	21 M	AIEH	IANK	SUUBU	HY	N	0 //0	16		MC	UNITE S	EF	13									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -	16	17	18	19	20	21	22	23	24 MEAN	
11 12 13 14 15 16 17 18 19												* * * * * * * * * * * * * * * * * * * *	DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
21 22 23 24 25 26 27 28 29	18 18 19	18 18 19	18 18 18	18 18 18	17 17 18	17 16 19	17	21 16 19	***** 19 17 18	* * * * * 18 16 19	18 17 19	*	DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI 21 20 19 22	NG - NG - NG -	23 21 18 21	21 20 19 20	20 20 18 20	19 19 18 19	1.8 1.8 1.8	19 18 19	1.8 1.8 2.0 1.9	18 17 19 18	17 °°°° 17 19 19 18 18 19	
MEAN	18	18	1.8	18	17	17	18	19	18	18	18	18	20	21	21	21	20	20	19	18	19	19	18	18 19	

PERCENTAGE OF DATA VALID - 11

POLLUTANT - TOTAL HYDROCARBONS

						ONT	ARIO	MINIS	STRY	OF 1	THE E	ENVIR	ONMEN.	T - A1	R M	ANAGEN	MENT	BRAN	СН						
	POLI	UTANT	- TO	DTAL	HYDRO	CARBO	NS						U	VITS -	PAR	TS PEF	R TEN	MILL	ION						
	STAT	ION -	ASH	ST W	ATER	TANK S	SUDBUR	RY	N	770	16		M	ONTH C	OCT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2	21 20	23 20	22 19	22 20	23 21	21 21	21 20	27 20	25	20 23	19 21	18 20	20	20 20	20	20	20			20	23	29	3	20	22
3 4 5 6 7 8 9	17 17 19 24 26 26	16 17 19 23 20 23	16 16 21 23 18 22	15 16 21 22 18 21	16 16 19 21 17 23	15 17 18 19 18 22	15 18 18 20 19 22	15 19 19 20 20 23	16 19 19 19 23 23	16 17 18 20	22 16 16 19 18 24 22	22 16 17 19 17 22 23	DATA 24 18 18 20 19 21 26	MISSI 22 17 18 20 20 21 25	22 17 18 22 22 21 23	21 17 18 20 22 21 23	22 17 18 20 23 21 23	22 17 19 19 22 21 23	22 17 20 19 22 21 23	22 17 20 20 25 20 23	21 17 20 20 26 27 20	18 16 20 23 26 32	15 16 20 21 23 26 18	14 16 19 22 27 25	16 18 20 22 22 22
11 12 13 14 15 16 17 18 19 20	19 23 16 12 13 13 12 12	18 21 15 12 13 13 12 12 13	18 20 16 12 13 13 12 12 13	18 19 15 12 13 13 13	18 19 15 11 13 13 13 13	18 19 15 11 12 13 12 13 13	19 19 15 11 12 12 12 13 15	20 18 15 11 13 13 13 14	20 16 10 12 13 13 14 15	19 19 16 10 11 12 13 14	19 19 15 10 12 12 13 12	19 17 15 10 11 12 13 12	19 18 15 12 14 12 12	18 18 17 12 15 14 12 14 18 MISSI	18 17 18 12 14 14 12 13	20 17 17 12 13 14 11	20 17 18 11 13 13 12 13	20 17 18 12 13 13 12 13	20 17 15 12 13 13 11 13	20 17 15 12 13 13 11 14	20 17 14 11 12 14 11 12	21 16 12 12 12 13 11 12	21 16 12 12 12 13 12 13	22 15 11 11 13 12 12 12	19 18 15 11 13 13 12 13
21 223 24 25 26 27 28 29	25 15 18 17 13 15 13	20 15 17 16 13 15 13	18 15 19 16 13 15 13	17 15 19 16 12 15 13	16 15 19 15 13 15 13	16 16 20 15 13 15	16 21 15 12 14 13	18 22 15 12 14 13	19 21 13 12 14 13	19 19 18 13 12 14	17 17 13 12 14 15	18 17 18 13 12 13	DATA 21 20 18 16 16 15 14	MISSI 22 20 18 15 15 14 14	NG - 20 22 21 17 14 15 . 14 13	19 21 22 16 13 15 14	19 20 21 16 13 15 14	19 19 20 16 14 16 14	18 18 22 16 13 15 14 12	18 18 22 17 13 16 14 11	17 17 22 17 14 16 14 13	17 14 21 17 14 15 14 12	17 16 20 16 14 15 13	16 20 15 13 15 14 10	18 19 18 14 14 14 13
31	12	12	1.1	11	11	11	10	10	10	0000	0.00	0.000	0.00	$\sigma = \sigma = \sigma$	9000	9899	1000	0 0 0 0	0000						
MEAN	17	16	16	16	16	16	16	16	16	16	16	16	18	17	17	17	17	17	17	1.7	17	17	16	16	17

UNITS - PARTS PER TEN MILLION

STATION - ASH ST WATER TANK SUDBURY NO 77016 MONTH NOV 73 6 7 10 11 14 15 24 MEAN DATA MISSING 11 11 1 17 17 1 10 18 11 18 10 11 10 11 10 11 10 11 10 11 11 10 11 10 18 10 18 10 17 10 17 10 18 10 16 10 16 10 16 11 16 11 17 10 15 19

  PERCENTAGE OF DATA VALID

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MEAN

POLLUTANT - TOTAL HYDROCARBONS

						ONT	ARIO	MINIS	TRY	OF 7	THE I	ENVIR	DNMEN.	r - AI	R MA	ANAGE	MENT	BRANC	CH						
	POL	LUTAN	Г - Т	DTAL F	HYDRO	CARBO	VS						U	NITS -	PART	TS PER	R TEN	MILLI	ON						
	STA	TION	- ASH	ST W	ATER	TANK S	SUDBU	RY	NO	7701	16		MC	ONTH D	DEC	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1234567890	17 27 18 18 17 19 18 19	18 23 18 19 17 19 17 18 19	18 19 18 18 17 19 17 18	17 18 18 17 18 17 18 18	17 17 18 18 17 18 17 18	17 17 18 18 17 17 17 18 18	17 17 18 18 17 17 18 18 17	17 17 20 18 17 17 18 18 17 20	17 17 24 18 18 17 18 18	17 17 19 21 17 19 18 17	18 18 33 19 19 17 20 18 17	18 18 34 19 20 17 19 18 18	18 30 18 20 17 19 18 19	18 19 29 18 21 17 19 18	18 19 27 18 23 17 19 18	18 19 27 18 25 17 23 18 19	19 19 26 18 26 17 20 19	19 19 24 18 27 18 20 19	20 18 24 18 25 18 19 19	21 18 22 18 23 18 19 19	24 18 21 18 23 18 19 19	25 18 21 17 22 19 19 19	25 19 20 17 21 18 19 19	28 18 20 17 20 18 19 19	19 19 23 18 20 18 19 18
11 12 13 14 15 16 17 18 19	18	16	15	15	17	16	16 18	17 21	17 29	18 33	16 24	16 20	DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG -	17	17 19 ****	16 19	15 19 5 2 8 8	15 19 	15 18 * * * 15	15 17 00 0 0 0 0 14	15 19 5 5 6 6	1.5 1.8 * * * * 1.3	0: 0 17
21 22 23 24 25 26 27 28 29 30	13 16 16 18 17 16	13 16 17 18 17 16	12 16 15 18 16 0000 16	12 15 14 17 16 17	12 15 14 17 15 17	12 16 15 17 15 17 15 17	12 17 15 17 15 17	12 16 15 18 15 17	12 17 15 21 15 17	13 18 15 18 15 18 17	13 18 15 18 15 18 17	16 20 16 18 15 17 17	16 19 16 18 16 17 17 16 DATA	16 18 16 17 16 17 19 16 MISSI	15 18 16 18 17 16 18	15 18 17 18 20 16 16	16 18 20 17 16 16	17 17 23 20 17 16 17	15 17 18 19 16 15 18	15 17 17 19 16 15 17	15 16 17 18 17 15 17	15 16 16 18 17 15 17	14 15 18 17 17 15 16 17	15 15 18 17 16 20	14 17 16 18 16 16
31	6.0	$p, \alpha \leq n$	6.0.0			(175)	5 1 5 5	2.5%		18	1.7	18	18	18	19	19	18	19	1.8	19	21	20	19	1.7	4 7 9 9
MEAN	18	17	17	17	17	17	1.7	17	18	1.8	1.8	19	18	18	18	19	19	19	18	1.8	18	1.8	18	1.8	1.8

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - ASH ST WATER TANK SUDBURY NO 77016

DEC

YEAR

UNITS - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS AVERAGE CONC 24-HOUR MAXIMUM MAXIMUM READING MONTH DAYS OF VALID DATA JAN FEB MAR APR MAY JUN ш AUG SEP OCT NOV 

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 UNIT - PARTS PER TEN MILLION POLLUTANT - TOTAL HYDROCARBONS STATION - ASH ST WATER TANK SUDBURY NO 77016 201&OVER TOTAL 00 TO 10 11 TO 19 20 TO 30 31 TO 60 61 TO 90 91 - 140 141-200 n JAN FEB MAR APR MAY JUN n JUL AUG O SEP OCT NOV n DEC O n YEAR FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS FREQUENCY DISTRIBUTION. 50 70 90 PERCENT MAX MIN 19.1 31 5 33.7 12 5 15.9 17 9 20 6 25 4 28.2

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008 MONTH JAN 73 HOUR 1.1 24 MEAN DAY 1 2 3 4 5 6 7 3 3 9 10 3 4 4 3 4 5 3 5 4 12 13 14 15 16 17 18 19 20 3 3 2 0.000 ž \* \* \* \* DATA MISSING .... ... ... ... ... ... ... ... 1 0000 1 1 22 23 24 25 26 27 28 29 30 2 \*\*\*\* 3 2 

PERCENTAGE OF DATA VALID -

MEAN

						ONTAR	10	WINT:	STHY	O.F.	IHE	FNATR	DNMEN	- AIH	MA	ANAGEN	MENT	BHANG	ж						
	POLL	UTANT	r - N	ITROGE	N DIO	XIDE-S	ALTZ	MAN					UN	IITS -	PART	TS PER	R HUNE	REDMI	LLION	Į					
	STAT	ION -	471	UNIVE	RSITY	WINDS	OR O	AMST	NO	120	08		MC	NTH FE	В	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 2 1 2 1 2 2 3 3	2 2 1 2 2 3 3	2 2 1 2 1 2 2 3 4	1 2	2 1 1 2 1 2 1 3 4	2 1 1 2 2 3 4	1 2 2 3	0 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 1 2 1 **** 3 4 3	2 2 1 1 1 2 4 3	1 1 1 1 1 2 4 2	1 1 1 1 1 1 2 2 3 1	* * * * * * * * * * * * * * * * * * *	321112231	1 3 2 1 1 2 2 2 2 1	2 2 2 2 3 2 3 2 3 1	2 2 3 2 3 2 3 1	223323232	223322332	3 2 2 2 3 3 3 3 2 2	322 **** 1 33332	3 2 2 2 1 2 2 3 3 2	2 2 3 3 1 2 2 3 3 3 2	1 1 3 3 1 3 2 3 3 2 3 3	222222222222222222222222222222222222222
11 12 13 14 15 16 17 18 19	22233223533	1223323533	1 1 2 3 4 2 4 6 3 3	1123322532	1+23223532	1 2 3 2 2 3 4 3 2	222322342		2 2 2 3 3 3 4 4 2 1	1 2 2 4 2 4 4 4 4 2 2 4 2 2 2 2 2 2 2 2	1 1 2 3 2 2 4 3 3 3	1 1 2 4 2 5 3 3 3 3 3	23225332	0 2 3 4 2 2 3 2 3 2 3 2	0 1 3 3 2 2 3 2 3 2 3 2	1 3 3 2 2 3 3 3 2 2	1 2 3 2 2 3 4 3 2	1 2 3 3 3 3 4 4 4 2	1 2 3 3 3 3 4 4 5 2	2 2 3 3 2 3 4 3 4 3	2 2 3 3 4 2 5 3	1 2 3 4 2 3 5 2 4 3	2 2 4 2 3 4 3 4 3 3	2 3 3 2 3 5 2 3 4	1 2 2 3 2 2 4 4 3 2
21 22 23 24 25 26 27 28	3 2 3 3 2 3 7	32332337	3 2 3 3 2 3 3 7	22332237	3 2 3 3 1 2 3 7	2 3 3 1 2 3 7	3 1 2 3		3 1 3 4	2 1	2 2 1 1 3	2 2 2 2 1 3 3	2 3 3 2 1 2 2	2 2 3 2 1 3 2 1	2 3 3 2 1 2 2 2 2	23532334	2 3 5 4 3 3 3 4	2 4 6 4 3 3 4	2 4 6 4 3 3 5 5	2 4 4 3 3 5 6	2 3 4 4 3 4 5	2 3 4 4 3 3 4 3	235333342	2 3 4 2 3 3 5 2	234322335
MEAN	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3

ONTARTO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT RRANCH

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008 MONTH MAR 73

	STAT	ION	- 471	UNIVE	RSITY	WIND	SOR C	DAMST	NO	1200	08		MC	M HIN	IAH	13										
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13		15	16		18	19	20	21	22	23		MEAN	
1 2 3 4 5 6 7 8 9		53023331	5 2 1 1 2 3 3	4 2 1 2 1 3 3	3 2 1 2 1 3 3	3 2 1 1 1 3 4	3 2 1 1 1 3 4 2	3	4 2		3422333222	342232222	342232232	4 4 1 2 3 2 2 3 2	4 4 1 3 3 3 3 2 4 3	5 3 1 3 4 3 3 4 2	4 4 2 3 5 3 3 4 2	5 4 2 2 4 3 3	5 3 2 3 4 4 4 4 3	5 3 2 3 4 4 4 4 3	533333332	4 3 2 3 3 3 3 3 2	5223333432	5 3 2 2 3 3 4 3	4 2 2 3 3 3 3	
11 12 13 14 15 16 17 18 19 20	2 1 2 3 - • • • • • • • • • • • • • • • • • • •	1 1 1 2 2 2 1 1 1 1 4 4	1 1 2 2 2 1 1 1 4 4 4	100112222111	1 1 2 0 * 0 * 2 1 1 0 * 0 * 4	2 1 1	0 2 2 3 0 1 1	1 2 3	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 1	1 2 2 2 2 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 1 2 3 2 2 2 1 1	1 1 2 2 2 2 2 2 1 1	0222222112	0222222012	2 2 2 2	0222221022	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 1 0 3 2	3 2 2 3 2 1 0 4 2	3 2 3 3 2 1 0 3 2	2 2 2 3 2 1 0 3 2	2 3 3 2 1 0 3 2	1 1 0 3	2 2 ***** 2 1 1	
21 22 23 24 25 26 27 28 29 30	3 1 4 4 3 3 2 3 3 2 3 3	3 1 3 4 3 3 2 4 2 1	3135532222222222	2135312222	2235322132	3244222222	3334333332	3 4 4 2 3 3 3 3 2		2	1 2 3 3 2 2 2 2 2 3	122222	2 2 2 2 3 1 1 3 3 3 3 3	1 2 1 1 2 1 1 3 3 2	1 2 1 1 3 1 2 4 3 2	2 2 2 1 3 1 1 4 2 3	2322322423	1 32 34 42 34 33	2323322332	23334223332	234442333222	2 3 4 2 2 3 2 2	2 3 4 3 4 2 2 3 2 2	MO M to M candidated	3 3 3 3 2 2 3 3 2 2 3 3 2 2	
31	2	2	1	1	1	1	1	2	0000	2	2	2	2	3	2	2		2		3	3	2			2 2	
MEAN	3	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	2	3	,	, 2	

PERCENTAGE OF DATA VALID - 86

						ONTA	RIO N	MINIS	STRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- NI	TROGE	N DIO	XIDE-	SALTZ	JAN					UN	ITS	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	471	UNIVE	RSITY	WIND	SOR O	AMST	NO	1200	8		MOI	NTH A	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	2222122233	2122122222	2222132233	2 2 3 1 3 2 2 1 3	1 2 1 3 1 2 2 1 1 3	1 1 3 1 2 2 1 1 3	1 1 2 1 3 2 1 2 2	1222222123		2 2 2 2 2 1 2 2	1 2 2 2 2 1 2 2	1 2 3 2 1 2 2 0 1 2	1 2 2 3 1 2 1 0 1 1	1 2 3 3 1 2 2 1 1 1 1	1 2 3 3 1 2 2 1 1 2	2 2 3 3 1 2 2 1 1 2 2	2232123122	2232133222	2232142222	3030043030	2232332222	22323322232	222222222	322223332	2222122122
11 12 13 14 15 16 17 18 19 20	1 5 3 4 7 3 2 3	1 5 3 4 7 3 2 3 * 1	1 53 4 6 2 2 2 2 1	1 4 3 5 7 2 3 2 * * * * * 1	1 4 3 6 7 2 3 2	2 4 3 7 7 2 3 2	3 5 3 7 7 4 3 2	3 4 3 9 5 3 2		27223321		1 6 1 2 2 2	1 6 1 2 3 2	1 1 4 1 2 3 2 0	1 2 3 1 1 3 2 0	2222212320	232312320	322423222	3 2 3 4 3 2 2 2	4 3 2 7 4 2 3	5 3 7 7 3 3 3	5 3 7 5 2 3	5 3 3 6 4 2 3	5 4 7 3 2 3 ****	23254232
21 22 23 24 25 26 27 28 29 30	3 3 2 4 3 3 2 3 1	6 3 1 4 4 2 2 3	6 3 1 3 3 1 1 1 3 2	3 2 3 2 1 1 3 1	1333321131	1333321131	1 4 3 3 3 3 2 2 2 2 2	1 5 4 3 3 3 3 3 2 2		1 3 2 0 0 0 0 0 3 3 1 1	1 2 1 2 2 2 3 1 1	1 2 2 1 1 2 2 2 1 1 2	1 2 3 2 2 2 2 1 1 2	1 1 3 3 2 2 3 1 2 2	1 3 3 3 2 2 2 2 2 1	1 3 4 3 2 2 2 2 1 2	1 2 4 2 2 2 2 2 1	2 3 4 2 2 2 1 2 1 2 2	4 3 5 2 	6 4 6 2 4 3 2 2 2	7 4 6 3 **** 4 3 2 1 2	6 4 4 3 **** 4 3 2 1 2	4 4 3 3 3 4 2 1	3 4 2 4 3 3 2 2 1 2	2332332222
MEAN	3	3	3	2	2	2	3	3	$\alpha \circ \phi \wedge$	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	2

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - 471 UNIVERSITY WINDSOR OAMST NO 12008 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 2 2 5 3 \*\* 2 \*\* 3 4 3 3 4 5 1 2 1 2 12 13 14 15 16 17 18 19 20 3 3 2 2 3 3 1 2 1 0 22 23 24 25 26 27 28 29 30 3 \*\*\*\*\* 0 4 3 0 2 3 1 0 0 0 0 

PERCENTAGE OF DATA VALID - 90

MEAN

						ONTA	RIO	MINI	STRY	OF T	THE E	INVIR	DNMEN.	Т - А	IR M.	ANAGEN	MENT	BRANG	CH						
	POLLU	JTANT	- N	ITROG	EN DIC	XIDE-	SALT	ZMAN					UI	NITS	- PAR	TS PEF	HUNE	REDM	LLION	4					
	STATI	ON -	471	UNIVE	ERSITY	WIND	SOR	OAMST	N	1200	38		M	HT/IC	JUN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	1.2	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	2631423336	46322333235	5523233134	3623223235	3522223133	4 3 1 2 2 3 3 1 3 4	4 2 1 2 2 3 3 2 4 4		2222333223	5 2 1 2 3 3 4 3 2 5	52 1 23 33 43 24	5 2 1 2 2 3 3 2 1 4	5 4 1 2 3 3 2 1 1 2	52 1 1 3 3 2 1 1	3 1 1 2 4 3 2 1 0	3 1 1 2 3 3 2 1 0 0	3 1 1 3 3 4 2 1 1	3 1 1 5 3 5 2 1 1	4 1 1 5 3 4 1 1 1 2	5 1 2 5 2 4 1 2 1 3	7233242254	7 23 52 4 32 6 4	6 2 3 6 1 4 3 2 6 3	7 2 3 5 1 3 2 2 6 4	4 3 2 3 2 3 3 2 3 3
11 12 13 14 15 16 17 18 19	4 7 3 1 3 2 0 0 1 2	4 5 1 10 4 2 0 1 1 3	4519421103	3 4 1 8 3 2 * * * * 1 1 3 3	4 5 1 7 1 3 8 ± 0 €	4 5 1 7 3 2 2 3 1 1 3	35 28 55 3 5 2 2 2 2 2 2		292	3 5 2 2 • • • • • 4 1	3 3 3 4 1 2 2 2 4 1 2	2 3 2 4 1 2 2 3 4 0 1	1 2 2 3 1 1 1 4 0	1 2 2 2 1 1 **** 3 1	1 3 5 1  1  1 2	2 3 4 3 3 1 * * * * * 1 2 2	2 2 4 1 2 1 **** 4 1 2	2 4 1 1 2 0 6 8 0 4 1	2 3 5 1 1 2 4 * * * 3 1 2	3 3 4 1 2 2 * * * * 3 1 2	64443222	6 5 6 4 3 2 *** 3 1 5	6 5 9 3 4 2 * * * * 2 1 5	4593321 115	3 4 3 5 2 2 2 1 2
21 22 23 24 25 26 27 28 29 30	4 4 4 2 1 2 0 2 2 4	5332120124	5332232124	4 3 3 2 2 2 1 3 2 3	3 3 3 1 1 2 1 3 2 3	3332121223	3 3 3 2 1 2 1 2 4		3	4 1 1 2 3 5	4 2 1 1 2 3 5 2 5	2 · · · · · · · · · · · · · · · · · · ·	2 **** 1 1 **** 3 2 6 4 5	2 2 0 2 2 1 6 0 4	2 2 2 0 2 2 2 2 2 2 4 4 4	3 1 0 3 5 2	3 2 1 0 1 4 3 2 3 3	2 1 1 1 4 2 3 3	2 2 2 1 1 4 **** 4 35	4 2 2 1 1 3 **** 4 4 6	4 2 3 2 2 1 1 3 4 7	5332211247	5 3 3 1 1 1 2 2 4 7	4 4 2 1 1 0 3 2 4 6	3321222335
MEAN	3	3	3	3	2	3	3	0	3	3	3	2	2	2	2	2	2	2	2	3	3	4	4	3	3

	POLL	UTANT	- N	TROGE	N DIO	XIDE -	SALT	ZMAN					UN	IITS -	PART	S PEF	HUND	DREDMI	LLION	ı					
	STAT	ION -	471	UNIVE	RSITY	WIND	SOR	OAMST	NC	1200	80		MC	NTH J	UL	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	64542653332	5 4 4 4 2 6 5 3 3 1	43333365222	5 3 2 3 4 5 3 1	4 5 3 3 4 5 3 4 1	3 6 4 2 4 5 5 2 1 3	5 3 4 6 5 2 2	6 · · · · · · · · · · · · · · · · · · ·	2 3 6 3 8 6 4 4 3	1 1 6 3 4 5 5 3 2	1 2 4 3 3 5 5 3 2 2 2 2	1 2 2 2 2 4 2 1 2 2	1 2 3 1 2 6 2 1 1 5	1 0 2 2 2 3 0 1 2 5	1 0 2 2 2 2 2 0 1 2 3	1 0 3 2 3 **** 1 1 2 3	1 0 5 1 2  1 1 2 3	1 0 5 1 2 1 1 1 4 3	1 1 6 1 3 2 2 1 3 2	2352332222	3564442322	2354733422	2 6 4 7 3 4 5 3 2	2354745521	2343343223
11 12 13 14 15 16 17 18 19	1 3 3 2 4 4 5 4 3	1 3 6 1 3 3 5 4 3	2 2 5 1 3 3 5 4	2 4 1 2 ***** 3 5 3 4	1 3 4 1 2 3 5 3 5	2 3 5 2 2 3 5 6 5	2 3 5 2 2 4 5 6		5 2	2 ***** 2 5 2 10 6	2  1  2 3 1 6 5	2 3 2 1 2 2 2 2 2 7	2 4 3 1 2 2 2 2 5	2 3 2 1 2 2 2 0 2 6	2 3 2 1 0 2 1 0 1 5	2 3 2 2 2 1 1 2 5	2 2 2 2 0 0 0 1 2 1 1 4	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 2 2 2 3 1 1 1 3	2 3 4 2 2 2 1 1 3	2354 334 23	3 3 4 4 5 4 5	2 2 4 4 5 4 5 4 2 3	2354.45323	2 3 4 2  3 3 3
21 22 23 24 25 26 27 28 29 30	2 1 1 1 2 2 3 4 1 1	2 1 0 1 1 1 3 4 1	2102123312	1 1 0 1 1 3 3 3 3 1 1	1 1 0 1 2 2 3 3 1	1 1 3 3 2 2 3 1 2	2 1 0 4 3 2 2 2 1 2		2 0 2 . * * * * 7 3 2 2 1 4	2 0 3 2 7 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1 0 2 2 7 3 3 2 1 4	1022533214	1023233213	0 0 1 3 2 3 3 1 1 2	1 0 2 1 1 3 2 2 1 2	1 0 2 1 1 2 2 2 0 2	1 0 3 0 1 1 3 1 0 2	1020144101	1 0 2 1 1 4 4 1 1 1 1	1 0 1 1 0 5 5 2 1 2	1 1 2 1 1 4 5 2 3	1 2 3 4 5 2 2 3	1 3 2 2 4 4 3 2 3 3	3212443122	1 1 2 3 3 3 2 1 2
31	1	1	1	2	2	2	2	0 0 0 0	2	2	3	4	3	2	2	0000	2	2	3	3	3	2	2	2	2
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PERCENTAGE OF DATA VALID - 90

						ONTA	RIO	MINI	STRY	OF	THE	ENVIR	ONMEN1	r - A	IR M	ANAGE	MENT	BRANC	н						
	POLLL	TANT	- N	TROGE	N DIO	XIDE-	SALT	ZMAN					UN	NITS	- PAR	TS PE	R HUND	REDMI	LLION						
	STATI	ON -	471	UNIVE	RSITY	WIND	SOR	OAMST	N	120	08		MC	HTM	AUG	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 5 2 9 7 3 1 5 4	3 5 1 6 7 4 1 5 4	1 4 1 5 7 3 1 4	1 32 4 7 3 1 3 5	232563145	132653154	2 3 2 7 6 3 1	2	4 2 13 6 3	1 3 9 4 2 4	2 3 3 3 2 2 2	1 3 1 1 2 0	5 3 3 1 1 2 2 DATA	8 2 3 1 1 2 2 MISS	6 2 3 1 1 2 2 2 2 2 2 1 1 1 2	7 3 3 1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 3 4 1 0 1 3 2	5333101132	33331112333	4 4 5 3 2 1 3 3	5 4 7 6 2 1 6 4	6 4 9 7 2 1 5 4	6 3 9 7 2 1 5 4	5 3 9 8 3 1 5 4	4 3 4 5 3 2 2 4 3
11 12 13 14 15 16 17 18 19	7 8 7 1 3 3 10 8 2	7 8 6 1 3 3 10 7	6 8 4 1 3 8 6 2	6 8 3 1 3 4 6 5	5 8 3 2 3 3 5 5	5 8 6 3 5 3 5 4 3	6 10 9 3 6 3 5 3	7 13 7 9 3	5 6 6 6 6 6 6	3 2 9 7 4 7	2 2 2 7 4 3 6	2243325533	334222242	227322233	216322	6 1 5 4 3 2 **** 2 1 3	8 2 4 3 3 1 5 2 1 3	6432316352	6633329522	89 4 3 3 3 8 5 3 2	8 11 8 2 3 5 9 5 3 4	8 10 7 2 2 3 9 6 2 4	8 12 8 2 4 3 9 8 2	9 12 7 2 4 3 10 9 3	6 7 4 2 4 5 5 4 3
21 22 23 24 25 26 27 28 29 30	3 4 3 7 6 2 4 6 4	3 3 3 6 5 2 3 4 5	2 4 2 5 4 2 2 3 5	3 4 2 4 4 2 2 2 6	3 3 3 4 2 3 3 3 5	3 3 5 3 5 2 4 5 5	3 4 5 4 6 2 4 5 5	2	4 4 10 3 2 2 7	4 3 11 7 2 2 4	4 1 5 4 1 3 3	4 2 4 2 1 5 2 3 4	4 2 5 1 1 *** 6 3 2 2	3 1 5 0 0 0 0 1 0 0 0 0 6 0 0 0 0 2 3	3 2 3 * * * * 1 * * * * 8 * * 2 5	3 3 2 3 1 	2 3 3 1 3 3 3 2 5	2 2 1 2 1 3 2 2 2 2	23221 2332	2 4 4 3 1 **** 8 4 3 3	36532 *** 8643	36932 **** 554	3 5 9 6 2 **** 7 5 4	4 5 8 6 2 6 6 4 2	3 3 5 4 2 2
31	2	1	1	1	2	3	5	6	0.000	9	10	13	000	3	3	3	2	2	3	4	4	4	6	5	4
MEAN	5	4	4	3	3	4	4	5	6	5	4	3	3	3	3	3	3	3	3	4	5	5	5	5	4

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION

	STAT	ION	471	UNIVE	ERSITY	WIND	SOR	TRMAC	NO	1200	8		M	ONTH S	SEP	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	4 3 3 1 5 1 2 5 9	3 3 2 1 5 3 2 4 1 9	332177 24669	4 3 1 1 7 6 2 3 6 0	6222762469	6435763550 1	4 3 7 6 7 3 5 7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 7	0000 5 7	5 7 1 8 7 **** 4 4 6	5516632397	4 3 1 3 8 2 1 5 10 5	2 1 0 2 4 2 2 5 5 5	3 1 1 2 3 2 2 5 5 3	2 0 1 1 2 2 2 7 5	2 0 0 1 2 2 2 7 5	2 0 1 2 2 2 9 5 4	1 1 1 0 2 2 2 2 1 1 5 3	1 2 2 3 4 2 3 12 7	2 4 5 5 5 3 5 1 1 6 4	3 2 3 8 5 3 7 10 7 5	3 3 1 8 3 3 6 10 7 5	3 1 4 2 3 5 9 8 5	4 3 1 4 1 2 5 9 8 8	3 3 2 3 5 3 7 7 7
11 12 13 14 15 16 17 18 19	10353433296	10 4 6 3 4 2 4 2 15	5 4 6 3 4 2 6 1 8 1	4 3 6 2 4 1 4 1 7	5 3 6 3 4 1 1 1 6 5	5363412365	5 4 5 4 1 3 4 6 4	1 000 4 7		3 4 9 4 •••• 1 3 •••• 7 5	1 3 5 4 6 1 3 4 8 3	1 2 3 4 4 1 4 5 3	1 2 1 3 3 1 5 4 3	0 2 2 2 3 1 6 4 3 4	0 1 2 2 3 5 3 3 4	0 2 3 2 3 5 4 4 4	2 4 3 2 2 5 5 5 4	2323325554	3324 2356 44	4 4 3 5 3 3 5 7 7 5	4525335865	3 5 1 4 2 2 4 9 7 4	3 6 1 4 2 3 3 8 7 4	4625232865	3 4 4 4 3 2 4 4 6 5
21 22 23 24 25 26 27 28 29	6 4 6 2 4 3 4 4	4 4 6 8 2 6 3 3 3	2 1 6 * * * * 2 4 3 3 6	2 0 5 0 1 3 3 3 7	3 0 4 2 2 4 4 4 6	4 2 4 3 5 6 6 6	5 4 5 4 5 8 4 5	8	3 4 6000 0000 0000 0000 0000	1 3 2 2 3 2 9 * * * 3	1 3 2 2 4 3 1 2 4 4	2 4 0 2 3 3 3 1 0 4	3 4 1 3 2 5 4 DATA	3 4 **** 2 3 1 3 5 ****	4 **** 3 7 1 3 5	3 3 7 2 4 6	5 2 * * * * 3 7 3 6 8	5 3 2 6 3 6 7	2 5 8 6	45 35586 ***	4600355660	3 6 2 4 10 5 6	2 5 8 5 5	3 6 2 4 4 5 5	3 4 **** 4 4 6 5
MEAN	4	5	4	4	4	5	5	5	5	4	4	4	3	3	3	3	4	3	4	5	5	5	4	4	4

PERCENTAGE OF DATA VALID - 85

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

ONITADAG		0.5	1997	the state of the section of the sect			CONTRACTOR OF THE STREET, WHICH	NATIONAL LIBERTY
UNTARIU	WINISIRY	O.F	THE	ENVIRONMENT	-	AIR	MANAGEMENT	BRANCH

UNITS - PARTS PER HUNDREDMILLION

													0.000.0			0.000 0.000									
	STA	TION	- 471	UNIV	ERSITY	WINE	DSOR	OAMST	N	0 1200	8 (		MC	O HTM	CT	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	5 × 5 1 5 4 4 3 4 4 2	5 1 5 4 3 3 4 3 3	4 1 1 4 5 3 5 4	2 1 4 4 3 4	2 2 4 5 3 2 2 2	3 2 4 5 3 2 4	4 2 4 4 2 3 5	4 3 4		2 4 4 1 4 2 2 2 2 2	3 2 2 2 2 2 3 5	3333211444	DATA DATA 3 3 2 2 1 1 2 4 3	MISSI MISSI 3 2 2 2 2 4 4 2	NG - NG - 4 3 2 2 4 5 2	5 3 2 3 4 5	6 4 3 2 2 4 5	6 4 4 5 3 6 4	7 4 4 6 4 6 3 3	7 3 4 6 6 6 4 2	7 3 4 6 6 6 3 2	8 3 4 5 5 4 1 2	7 3 4 6 5 4 1	6 2 4 5 5 4 1	33 4 4 3 3
11 12 13 14 15 16 17 18 19 20	2 3 1 1 3	3 2 2 1 2 7	3 3 2 1 2	2 2 1 3 7	9	2 1 2 1 3	2 2 1 0 4 8	3 2 1 4		3 2 1	5 4 2 1	4 3 2 1 2 2 0	2 3 2 0 2 2 1 0	1 3 2 0 0 3 3 2 1 0	1 2 2 0 3 2 2 2 1	3		* * * *	4 4 2 2 3 3 3 5 5 6 6 7	352133			5	2 3 1 1 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29	2 5 4 3 2 1 1 2 3	2 2 4 4 2 2 1 1 3 2	2 2 7 4 3 2 1 1 3 2	2 3 6 4 2 2 1 1 2 2 2	2354422122	2363522123	6462212		4 3 2 3 2	1 11 4 2 2 2 2 2 4	1 11 12 3 2 2 1 2 2 3	0 8 1 3 2 2 1 2 2 4	0353221214	0 2 5 2 2 2 2 2 2 2 4	022222223	1333332223	0 3 4 3 3 3 1 3 3 3 3 3	1 4 4 4 4 3 2 3 3 3	27 55 3 1 2 3 2 4	26533 1 1 323	2643321333	26433213333	2635211333	25332113333	1 4 5 3 3 2 1 2 2 3
31	3	2	3	2	3	2	3	4.3 0.0	4	3	3	2	3	3	3	3	3	2	2	1	1	2	2	2	2
MEAN	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	3	3	3	4	3	3	3	3	3	3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLLU	JTANT	- N	TROGE	A DIO	XIDE - S	ALTZMAN					UN	ITS -	PART	S PER	NUNI	DREDMI	LLION						
	STATI	ON -	471	UNIVE	RSITY	WINDS	OR OAMST	NO	120	80		MO	NTH N	VOV	73									
HOUR DAY	1	2	3	4	5	6	7 8	9	10			13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	233322522	1333235232	1333225333	1 4 3 3 2 2 5 3 3 3 3 3 3	2 4 3 3 3 3 5 3 3 3	333333334	2 a a a a a a a a a a a a a a a a a a a	3 3 3 4 6 6 3 3 4 4	2 3 2 2 3 6 4	1 2 2 2 4	0 1 2 1 4	1 3 0 1 1 1 3 3 1	1301224112	2 4 0 1 2 2 4 2 2 2 2	2 4 1 2 2 4 2 3 1	3 4 1 2 2 3 3 1 3 2	3 2 2 3 4 2 2 2 3	4 3 2 2 3 5 3 2 3 3	43333553233	3332253233	4 3 3 2 2 2 5 2 2 3 3	4332253223	3 3 2 3 5 2 1 2 4	2322234233
11 12 13 14 15 16 17 18 19 20	4 3 4 5 6 3 3 3 3 3	5335733333	43448333433	5 3 2 7 3 4 4 4 3	4 3 3 3 6 3 4 4 4 3	5 3 5 6 4 4 4 4 3	7 0000 4 0000 4 0000 3 0000 4 0000	4 2	1 3 4 2	3 0 0 0 0 4 3 0 0 0 0 3 2 0 0 0 0 0 0 0	3 2	3333434 4342	3 3 3 2 3 4 3 3 3 3	3 3 3 2 3 4 3 2 3	4 2 2 3 3 2 4 2 3	4 3 4 3 3 4 2 4	3 4 5 6 3 1 4 3 2 4	3 4 5 6 3 2 4 3 2 2	3446334323	2 4 6 6 3 3 4 3 2 3	2455334323	3 4 6 5 3 3 3 3 3 2 3	3 4 5 5 5 3 3 3 3 2 3	4 4 4 3 3 3 3 3
21 22 23 24 25 26 27 28 29 30	4 3 3 3 3 3 3 3 3 3 3	4333322333	4332222323	4332222323	4 3 3 2 2 2 2 2 3 2 3 2 3	3 3 1 1 2 2 3 2 3	3 0 0 0 0 0 1 3 0 0 0 0 0 0 0 0 0 0 0 0	2 3 3	2 3 6 3 1 2 3	2 3 7 2 2 2 3 2 3 3	2 3 12 2 **** 3 2 2 2 2	2 3 11 1 2 2 3 2 2	2371223222	33623222	3 3 5 1 3 3 4 3 3 3	3 4 6 2 3 3 4 4	4 4 6 3 3 3 3 3 3 3 3 3	445333333333	33433N33333	3342313333	3443213323	34532233333	34432233333	3352223333
MEAN	3	3	3	3	3	3	3 ***	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 89

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION																								
	POLL	JTANT	- N	I TROGE	N DI	OXIDE	SALT	ZMAN					UNI	TS -	PART	S PER	HUNG	DREDMI	LLION	1					
	STAT	ION -	471	UNIVE	RSIT	Y WIN	SOR (	DAMST	N	1200	08		MON	тн р	EC	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	4 3 1 4 2 2 2 4 2 2 2	4313222422	4323231422	3223231322	3 2 1 3 2 3 1 2 2 1	3 2 1 3 2 3 1 2 3 1	3 1 3 1 3 2 2 3 1		2 3 3 2 1 3 4 2	2 2 2 3 3 3 3 3	2232234323	2 2 4 2 2 3 4 2 2 3	3242225223	3242244223	223223223223	2233233232	3233233232	32332233332	3332233333	3 4 2 2 3 3 3 3 3	424223 322	32422333322	3142234322	3241234322	30320333302
11 12 13 14 15 16 17 18 19 20	2331322355	2 3 3 1 2 2 3 4 5	2 3 1 2 2 3 3 5	2 2 3 1 2 2 2 3 2 4	2 2 3 1 2 3 2 2 4	2 2 3 1 2 2 2 4	2 3 2 1 2 2 2 4		2 2 3 2 3 3 0 0 0 0 4 2	2 3 3 2 2 5	2 2 3 3 1 2 5 2 3	322212	3223122633	4223123523	2231 234 34	322302 434	3 3 2 4 1 2 5 3 4	3322312 554	33332233544	3 4 2 3 2 2 3 5 4	342322354	242323355	34 23 33 35 55	3323233455°	3 3 2 2 2 2 2 2 3 4
21 22 23 24 25 26 27 28 29 30	6 6 3 3 2 4 3 4	5 6 4 3 1 3 5	5 6 3 4 1 3 3 6	5 4 4 4 4 2 3 3 5	5 4 3 4 2 4 3 5	5 4 3 3 1 4 3 4	331 326	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	64 231325	6443133	3543232325	34400000005	3542322225	3541322324	3 5 4 1 4 2 2 2 2 3 6	45333323256	4 5 4 2 2 3 3 5 6	5 6 4 1 2 3 3 6 6	56 *** 4 123345	6 5 3 2 2 3 4 5 6	6 4 3 3 2 3 3 5 6	5 4 3 3 2 3 3 4 7	6 6 3 3 2 3 3 7	6 5 3 3 2 4 3 4 7	5 4 4 3 3 3 2 2 3 3 5 5
31	7	7	6	6	5	4	5	0.0.0	5	4	3	3	4	4	4	5	6	5	5	4	4	4	4	4	5
MEAN	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 471 UNIVERSITY WINDSOR DAMST NO 12008

DEC

YEAR

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION MAXIMUM READING AVERAGE CONC. 24-HOUR MAXIMUM MONTH DAYS OF VALID DATA JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV 

								. 22.7200		
				Y OF THE	ENVIRONMENT	- AIR MAN	IAGEMENT BE	IANCH		
MONTHLY G	ROUP FREQUE	NCY CLASSIF	ICATION FO	R 73						
POLLUTANT	- NITROGEN	DIOXIDE-SA	LTZMAN		UNIT	- PARTS PE	R HUNDREDMI	LLION		
STATION -	471 UNIVER	RSITY WINDSO	R OAMST	NO 12008						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL		
JAN	76	493	66	0	0	0	0	635		
FEB	93	4 1 7	79	6	0	0	0	595		
MAR	127	442	76	0	0	0	0	645		
APR	142	411	66	1.6	0	٥	0	635		
MAY	203	360	108	2	0	0	0	673		
JUN	164	323	145	17	0	0	0	649		
JUL	175	338	151	11	0	0	0	675		
AUG	72	274	191	77	9	0	0	623		
SEP	66	217	253	75	5	1	0	617		
OCT	87	318	145	17	3	0	0	570		
NOV	40	450	144	6	2	0	0	642		
DEC	42	437	175	5	0	0	0	659		
YEAR	1287	4480	1599	232	19	1	0	7618		
FREQUENCY	DISTRIBUTI	ON BY PERCEI	NTILES							
	PERCENT OF DATA VALID	MIN	10	FREQUE 30 50	CONCENTRA NCY DISTRIBU 70			99	MAX	ARITH MEAN
	86	0	0.6	1.4 2.1	2.8	4.4 5.	4 6.9	8.2	15	2.8

	POLI	LUTAN	T - N	ITROG	EN DI	OXIDE	-SALTZ	MAN					L	MITS .	- PAR	TS PE	R HUN	DREDM	ILLIO	N					
	STAT	TION	- VIC	TORIA	ST S	ARNIA	OAMST	t	N	0 140	049		N	IONTH .	JAN	73									
HOUR DAY	1	2	3	4	5	6	7	8	1.5				13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	5 4 2 3	6 4 2 3	6 3 2 2	5 2 1 2	5 1 1 2	5 2 1	5 2 1 2	5 4 1 2	5 4	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 4	6 3 2 3	6 3 3 3 2 2	6 3 3	6 3 2 3 2 2	6 3 2 4 3	3 3 4	6 4 3 4 3	7 3 2 3 2	6 2 2 4	6 2 2 4 2	6 2 2 4	5 3 2 3	6 4 2 3	4 3 3 2 2
8 9 10	4 2	4 2	3 4 2	3 2	3	4	5 4	4	3 4	0000	3	2 3 3 5	2 3 3 4	3 2 2 2 3 3	2 3 3 3	2 3 3 3	3	2 4 3 4	2 3 3 4	3 4 3 4	5 3 4	3 4 3 4	3 5 3 4	4 3 4	3
11 12 13 14 15	3 1 5 5 5	3 1 4 4	4 2 4 5 4	3 1 3 4 4	3 1 4 4	3 1 4 4	3 4 5 3	3 4 4 3	3 4 4 4	0000	4	4 1 4 4	4 4	4 3 4 4	3 3 4 4	3 3 5 4	3 4 5 4	3 4 5 5	4 4 5 5	3 4 5 5	3 4 5 5	2 4 5 6	2 4 4 5	2 5 5 4	3 3 4
14 15 16 17 18 19 20												•	DATA DATA	MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -										
21 22 23 24 25 26 27 28 29													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -										
31													DATA	MISSI	NG -										
MEAN	3	3	3	3	3	3	3	3	4	6 6 5 0	3	3	3	3	3	3	4	4	4	4	4	4	3	4	3

PERCENTAGE OF DATA VALID - 38

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRAN	СН						
	POLL	UTAN1	r - N	ITROG	EN D	OXIDE	- SALT	ZMAN					U	NITS	- PAR	TS PE	R HUN	DREDM	ILLION	N					
	STAT	ION -	VIC	TORIA	STS	ARNIA	OAMS	Ţ	N	0 140	49		M	ONTH F	FEB	73									
HOUR	1	2	-		5	6		8	-	N 583	1 1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	323133232	3 1 3 1 2 3 2 4 2	3 1 3 1 2 3 2 4 2	2 1 4 1 2 3 2 4 2	1 4 1 2 3	3 1 4 1 2 2 1 4 2	3 1 3 1 2 3 1 5	3 1 3 1 3 4 2 6	3 1 3 2 3 4 2 6		2	5 4 2 2 3 3 4 3 1	5 4 3 2 3 3 4 4 3	53322334 3	5 4 3 3 4 3 4 3	5 5 3 3 3 5 4 3	5 5 3 3 4 5 5 3	5533566431	5 5 3 2 6 6 7 4 3 1	4 4 3 3 7 6 6 4 4	4 4 3 7 6 5 4 3 1	3 3 2 6 5 3 3 1	3232542331	3232543331	3 2 3 3 4 4 3
1 1 1 2	1	1	1	1	1	1	1	1 2	1 2	0000	0 0 11 0	0 0	1	0.000	1	. 1	1000	0000	0000		2	2	1	1	1
13 14 15 16 17	3	2	0 H + 0 0 H + 0	0.0.019	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0000	0000	0000 0000 0000	0000	2 2 2	2	2	MISSI	3	3	2	3	3	3	3	* * * * 2	3	* 3	****
18 19 20	3	2 3	3	3	0000	• • • •	4	3			0	2	DATA 3	MISSI		3	3	3	3	4	4	* * * * 3	3	3	****
21 22 23 24 25 26 27 28	3 1 4 4 4 4	4 4 4	3 2 2 4 3	3 1 1 4 3	2 3 2 3 2	4 2 3 2 3 2	4 3 3 1 2 2 0 6	4 4 1 2 3	5 4 0000 1 2 4	5 4 + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + + +	5 3 2 2 2	3 3 2 3 10	4 2 3 10	3 3	3 5 3 3	2 6 5 3	2 4 6	3 4 4 3	4 3 3	3 4 4 4 7	2 4 4 4 7	2	5 4 4	5 4 4	3 3 3
MEAN	3	3	3	2	2	2	2	2	2			2				900	-					-	_		×

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN STATION - VICTORIA ST SARNIA OAMST NO 14049 MONTH MAR HOUR 10 11 1.5 16 17 18 21 22 23 24 MEAN DAY 1 2 3 4 5 6 7 8 9 DATA MISSING
DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 1 1 2 2 2 3 4 5 2 2 3 3 1 3 1 1 2 2 2 2 2 4 3 2 2 0 MEAN 

PERCENTAGE OF DATA VALID - 18

						ONTA	ARIO	MINIS	STRY	OF '	THE E	ENVIR	NMENT	- A1	R MA	ANAGEN	MENT	BRANC	H						
	POLL	UTANT	- NI	TROGE	N DIC	XIDE -	SALTZ	MAN					UN	IITS -	PART	rs per	R HUNE	DREDMI	LLION	ĺ					
	STAT	ION -	VICT	ORIA	ST SA	ARNIA	OAMST		N	1404	49		MC	NTH A	PR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 3 3 1 1 5 2 1 1 3	1 3 3 1 1 5 2 1 1 3	1 4 2 1 1 4 1 0 1 3	1 4 1 1 1 2 1 0 1 3	1311111012	1 3 1 1 1 1 0 0 1	1 3 1 2 1 3 1 1 1 2	2312131023	2 3 0 0 0 9 0 0 0	1 2 2 0 0 0 0 0 0	2 3 2 3 1 0 1	1 2 2 3 1 0 1	2 2 2 1 2 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 1 2 3 2 1 1	4 2 2 2 2 3 2 1	322223212	4 2 2 2 3 2 1 2	3322232	3 3 2 1 2 3 1 1 2 2 2 2 2 2 2 2 2 2 2 2	3 3 2 1 2 4 1 1 1 1	2 3 1 1 2 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 3 1 1 2 4 1 1 1 1 1 1 1 1	3 3 1 1 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5 3 2 1 3 3 1 1 2	2 3 2 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19 20	5544413332	4 4 4 3 1 2 3 2	5 2 4 3 3 1 4 2	504041000	625431321	625532331	525632321	4 2 6 5 4 3 5 2 1	3 2 6 20 5 2 0 1	55 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	5 5 6 4 7 2	1 2 4 5 6 5 7 2 2	1 2 2 7 6 5 7 2	2122356521	2 1 2 3 2 5 6 1	2 1 2 4 6 6 7 2 2	2 2 5 4 6 7 4 2 1	3 2 3 6 3 6 7 4 2 1	4 2 3 7 3 4 6 3 2 2	4 2 4 5 2 6 7 4 3 3	4355366433	4555335322	4354315222	4 4 5 4 1 4 3 2 2	33355444222
21 22 23 24 25 26 27 28 29 30	3612432142	1 6 1 2 4 2 2 2 3 2	1 6 1 2 4 2 1 2 2 2	2612421122	3512411132	3 4 3 2 4 1 1 1 2 2	24333321323	3 5 4 2 3 2 2 3 2 4	5 5 4 3 3 3 2 2 2	5 5 5 5 2 3 2 2 2 3	63523333224	6 4 7 2 3 3 3 3 3 4	6462233323	7 4 6 2 2 3 2 3 2 4	7 4 6 2 2 4 3 3 2 3	7 2 6 2 2 3 3 3 2 4	6 1 6 2 3 3 3 2 2 4	61633332233	6 1 7 2 2 2 3 3 5 3	6 1 4 3 2 3 3 3 5 3	7 2 1 4 3 3 2 4 5 3	6 3 1 4 3 3 2 4 4 4 2	5 2 1 4 3 2 2 4 4 3	5 2 1 4 4 2 1 5 3 2	5 4 4 4 3 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3
MEAN	3	3	2	2	2	2	2	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

	POLLU	TANT	- NI	FROGEN	DIOX	IDE -	SALTZ	ZMAN					UN	ITS -	PART	S PER	HUNDE	REDMI	LLION						
	STATI	ON -	VICTO	DRIA S	T SAR	AIA	OAMS1	Г	N	1404	9		MO	NTH MA	AY :	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8	2 6 1 1 2 4 2	26112421	25112321	2 6 1 1 4 2 1	25111411	3 1 1 1 4 1 1 1	3 4 1 2 1 4 2 1	1 2 1 4 2		3 1 2 1 2 2 2	3 4 1 2 1 3 3	5 1 2 1 2 2 2 2 2	65122222	7 5 2 2 2 2 2 1	7 4 2 2 2 2 2 2 1 1	6 3 2 2 2 2 2 1	6 3 2 2 2 3 2	6 4 1 2 2 3 2	5 4 1 2 2 3 2 2 2	6 2 1 2 2 3 2 3	5 2 1 3 3 6 1	62135514	6 1 3 5 2 1	5 1 2 4 3 1 3	541223222
10	3	4	4	3	2	2	3	4	3	5	6	6	5	5	5	3	3	4	3	2	2	2	2	2	3
11 12 13 14 15 16 17 18 19 20	2 2 1 2 3 5 1 2 1 3	3 2 1 2 3 5 1 2 1 3	2212451223	2212351222	2 2 4 1 2 2 1	2 1 1 1 2 4 1 2 2 1	2 1 1 2 2 4 1 1 1 1 1	2 1 2 2 4 1	2 1 3 3 5 2 2 2 2	3 2 1 3 2 5 2 1 4 1	3 1 3 2 6 2 1 3 1	2113262121	2 1 2 1 5 2 1 2 1	2 1 2 2 3 2 1 2 1	2 1 2 2 3 2 1 2 1	2 1 1 2 2 3 2 2 2 1	2 2 2 2 2 2 1	2 2 1 2 3 2 1 2 2 1	2 2 1 3 3 2 1 2 2 1	2 1 3 3 1 1 2 2	2 2 2 3 3 1 1 4 2 3	2 1 2 4 3 1 2 3 2 3	2 4 4 1 2 2 2 3	2223511124	2213331222
21 22 23 24 25 26 27 28 29	3322211032	4 4 3 2 1 1 1 0 3 2	3 2 2 1 1 1 0 2 1	3 3 1 2 1 1 1 0 2	3 3 1 2 1 1 1 1 2 1	3 2 1 2 1 1 1 1 2 1	3 3 1 2 1 1 1 1 1 1 1 1	5 0 6 2 5 0 6 0 6 0 6 0 6 0 0 0 6 0 0 0 6 0 0 0 6 0 0 0 0	2 5 2 2 2 0 1 0 1	~	2 3 * * * * * * * * * 1 1 0 2 2	1 2 * * * * 3 1 2 0 3 2 2	1 2 2 2 1 2 0 4 2 2	1 3 3 2 1 1 1 4 2 2	1 2 3 2 1 1 1 3 1 2	1 3 3 2 1 1 0 3 1 3	1 4 3 2 2 1 0 2 2 3	1 4 3 3 1 1 0 2 1 3	24 33 31 11 14 12	3322121412	4 3 2 2 1 4 1 3 1 2	532214	5332141224	5332131323	3322121222
31	2	2	2	2	2	2	0000	2	3	3	5	6	6	4	3	3	3	4	5	5	6	6	6	5	4
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2

PERCENTAGE OF DATA VALID - 95

						ONTA	RIO	MINI	STRY	OF T	THE E	NVIRO	NMENT	- AIF	R MA	NAGEM	ENT I	BRANCH	4							
	POLLU"	TANT	- NI	TROGE	N DIC	XIDE -	SALTZ	MAN					UN	NITS -	PART	S PER	HUND	REDMI	LLION							
	STATIO	ON -	VICT	ORIA:	ST SA	ARNIA	OAMST	r.	N	0 1404	9		MC	NTH JU	JN	73										
HOUR DAY	1	2	3	4	5	6	7	8	9		11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN	
1 2 3 4 5 6 7 8 9	3422112252	3 1 2 2 3 4 3	4 3 1 4 1 1 2 4 2 3	3 2 1 4 0 1 3 4 1 2	3 1 3 1 3 3 1 2	3 1 1 3 1 1 3 4 1 2	3 1 4 1 2 3 5 1 2		2 1 4 2 3	22344333	4 2 1 2 4 4 2 7 1	3 1 4 3 4 2 5 1 6	2 1 2 2 3 3 3 4 1 4	2 1 1 2 3 3 2 4 1	2 1 1 2 3 3 3 4 1 4	2 1 1 3 3 3 5 1 4	1 1 2 3 3 4 1 3	1 1 1 2 2 4 1 3	2 2 1 2 1 3 2 3 1 2	2212231312	2 2 1 3 2 2 1 3 1 3	2 1 3 3 2 1 5 1 3	3 1 2 2 2 1 6 1 3	3 1 2 1 2 2 6 2 3	3213222413	
11 12 13 14 15 16 17 18 19	4 2 1 2 3 1 1 1 1 3	4 3 1 3 3 3 1 1 1 3	3 3 1 4 4 3 0 1 0 3	4 3 1 3 4 3 0 1 0 2	3 1 3 5 2 0 1 0	3 2 1 3 5 3 1 1 0	4 2 1 3 4 3 1 2 1	0 0 0 0 0 0 0 0 1 1	2 1 4	3 2 2 2 2 1 1 1 1 3	3 2 1 2 5 1 1 1 1	32 1 2 4 1 1 1 1 4	2 1 1 2 4 1 1 1 1 5	2 1 1 2 4 1 1 3 1 4	3 1 1 3 1 4 1 4	3 1 1 4 1 3 1 3	2 1 1 3 1 1 2 1 3	2 1 1 3 1 1 2 1	2 1 1 2 1 1 2 1 3	2 1 1 2 2 1 1 1 1 3	2 1 3 3 1 1 2 1 3	3132211215	2 1 2 1 2 1 1 1 1 5	2 1 2 2 1 1 1 1 2 4	3 2 1 2 3 2 1 2 1 3	
21 22 23	3 4	3	3	3 3	3	3	3 2	2	1	2	3	3 2 -	2 1 DATA	2 MISSIN MISSIN	2 VG -	2	2	1	1	1	3 1	2	3	5	3 2	
22 23 24 25 26 27 28 29	2 2 1 1	1 2 2 1	1 1 1 2	1 1 1 2	1 2 1 1 2	1 2 1 1 2	2 2 1 1 1	2 2 1 1 1	3 3 1 2	3	2 3 0 0 0 0 2 1	2 7 4 3 2	1 8 4 1 2	7 4 1 2 2	2 5 4 2 2 2	2 3 5 2 1 3	2 4 3 2 1 2	1 3 2 3 1	2 3 2 3 1	3 2 3 1 2	3 2 1 2 1 2	3 1 2 2 2	3 1 2 2 1 2	2 2 1 1 2	3 2 2 1	
MEAN	2	2	2	2	2	2	2	1	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	

UNITS - PARTS PER HUNDREDMILLION

STATION - VICTORIA ST SARNIA CAMST NO 14049 MONTH JUL 73 HOUR DAY 9 10 11 12 13 14 15 16 17 20 21 22 24 MEAN 2 3 2 \*\*\*\* \*\*\*\* \*\*\* 2 3 4 5 6 7 8 9 4 7 2 1 3 \*\*\*\* 4 3 4 2 3 2 12 13 14 15 16 17 18 19 20 DATA MISSING 3 3 3 0000 6 2 0000 0000 4 2 3 2 2 4 1 1 2 3 22 23 24 25 26 27 29 30 2 2 2 2 1 0 2 5 6 MEAN 2 2 

PERCENTAGE OF DATA VALID - 91

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

						2141	MILLO	MITIAT	O I III	U	I TIE	CIAATU	CHAINICIA	I - AIH	IVI /	ANAGEN	IEN I	BHANG	н							
	POLI	UTAN"	T - N	ITROG	EN DI	OXIDE	-SALT	ZMAN					U	NITS -	PAR	TS PER	HUND	REDMI	LLION	1						
	STAT	TION .	- VIC	TORIA	ST S	ARNIA	OAMS	Г	N	0 1404	49		M	ONTH AU	JG	73										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2	1 2	2	1 2	1 1	1	1	2	1		****		2	2	a maria na	000	1 ******	0 0 0 0	1 * ≈ ≈ ×	0000	1 * * * * *	0000	0000		2	1	
4	4	3	3	2	2	2	2	1	0 0 -1 0 0 0 -1 0	1 2	2	1	1	1	1	1	1	1	1	1	2	3	3	4	* * * * 2	
5 6 7 8 9	0000	0 2 0 0	0000	0 0 0 0	0.00.90	2 - 6 -	l solo	0040	FA: 6		-	-	DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG -	0	0	0	0	0	1	1	1		2 0000	
11 12 13 14 15 16	1 1 2 4 1 2 3	1 1 3 1 1	1 1 1 2 1 2	2 1 2 2 1 1 1	2 1 1 2 1	2 1 2 2 1	2 1 2 2 1 1	3 6 0 6 3 1 1 1	3	2 1 3 2 1 2	2 1 2 1 1 3	2 1 2 1 1 2	2 1 2 1 1 2	1 1 2 2 2 2	1 1 2 1 2 3	2 1 2 1 1 4	2 1 1 1 1 3	1 1 1 1 1 3	1 1 1 1 1 4	1 1 1 1 5	2 1 2 1 1	2 2 1 1 3	1 2 2 1 1 3	1 2 2 1 2 3	2 1 2 2 1 2	
18 19 20	2 3 2 2 2	2 2 2	2 3	022	0 2 2	1 2 1	1 2 2	2	0 0 0 0 0 0 0 0 0 0 0 0	1 1 ****	1 1 2	1 1 1	1	1 1	1 1 2	1 1 3	1 1 2	1 1	1 2 1	3	2 5 1	2 2 1	3 3 1	3 3 2 1	2 1 2 2	
21 22 23 24 25 26 27 28 29 30	1 1 3 4 6 3 7 2 3 5	1 1 2 5 6 3 7 3 3 5	1 1 3 3 5 5 7 3 2 5 5	1 1 3 3 4 7 5 4 1 5	1 1 2 2 3 5 4 4 1 5	1 1 3 2 3 2 2 4 2 5	1 1 4 3 4 5 4 4 3 5	1 1 5  	* * * * * * * * * * * * * * * * * * *	1 **** 5 *** 3 3 2 4 3 3	1 0 0 0 0 5 0 0 0 0 4 4 4 2 3 3 2	1 5 3 4 3 2 3 2	11533332232	1 1 5 4 4 2 3 3 3 2	1 1 6 4 3 3 2 3 2 3	1 1 6 4 3 3 2 3 2 2 2	1 1 5 4 5 3 3 3 5 3 5 3	1 1 7 3 6 3 2 2 5 3	1 1 8 3 2 5 3 3 4 3	1 4 8 4 2 4 3 5 4 4	1 4 8 6 3 2 3 8 4 5	1 4 7 8 4 3 3 5 4 6	1468363456	1 3 5 7 2 8 2 4 4 3	1 2 5 4 4 4 3 4 3	
31	1	0	1	1	1	2	4	6	6	4	6	6	7	8	8	9	8	8	5	4	5	3	4	2	5	
MEAN	3	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLI	LUTAN	T - N	ITROG	EN DI	OXIDE	-SALT	ZMAN	-33,810			-3.5.5.10.00	U	NITS -	PAR	TS PER	R HUNE	DREDM	LLLIO	N					
	STAT	TION	- VIC	TORIA	ST S	ARNIA	OAMS	T	N	140	49		М	ONTH SI	EP	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	23614221	2 4 5 1 5 1 3 1	2 3 4 1 3 4 2 1	5 4 3 2 3 3 2 1	4 4 3 1 5 2 3 2	35425332	45556432	4 4 6 5 4 ***	7 4 8 4 2 ****	5 2 3 10 3 2 * * * * 2	4 1 2 8 4 2 ****	4 0 4 4 4 3 2 2	4 1 7 4 5 2 0 A T A DATA	3 1 4 4 4 2 MISSIN MISSIN	3 2 4 5 2 8 8 8 9 NG -	3 * * * * 2 5 7 2 * * * *	2 4 4 5 3 4	3 2 4 4 3 4	5 3 2 4 3 3 4 ****	8 6 2 5 2 4 6 * * * *	6 4 3 5 3 3 6 ****	5 4 1 4 3 3 5 * • • •	5 7 2 5 1 2 4 ****	4 7 1 6 1 2 2	4 4 3 4 4 3
11 12 13 14 15 16 17 18 19	2 3 5 2 1 2 5 5	2 3 5 1 1 1 5 3	2 2 4 1 1 1 5 5 1	2 1 4 1 1 1 5	**** 3 1 5 1 1 1 5 1	****  4 2 4 1 2 1 5 1	* * * * * * * * * * * * * * * * * * *	3 1 3 2 6	0 **** 3 1 ****	0 **** 3 1 2 **** 5	2 3 4 1 2 1 5	2 2 3 3 2 2 1 4 2	2 2 3 2 1 2 2 4	1 2 2 3 2 1 2 2 3 2 2 3 2 2 2 2 2 3 2 2 2 2	1 2 3 4 2 1 2 2 3 2	1 2 4 4 3 2 2 2 3 2	2 4 3 4 1 2 2 3 2	2 3 3 2 1 2 2 2 2	2 4 4 2 2 2 2 2 3	5 6 4 3 2 2 5 3 2	* * * * * 4 5 2 2 2 2 5 4 2	* * * * * * 4 7 3 2 1 2 4 4 3 3	* * * * * 4 5 2 2 3 2 5 4 2	2 2 3 2 4 3 5 5 2	***** 3 3 3 2 2 2 4 2
21 22 23 24 25 26 27 28 29	2 1 2 1 1 2 3 3 3 3 3 3 3	2 1 2 2 1 3 4 0 3	3 1 2 2 1 4 4 0 3	2 1 3 2 1 3 4 0 3 0	2 1 4 2 1 3 5 0 3 0	2 2 4 2 1 3 4 1 3 0	3 4 5 2 2 4 5 2 3 1	3 5 2 2 3 6 3 2 1		1 5 1 **** 2 **** 6 1 3 1	0 4 0 2 2 6 6 1 2 0	0 2 0 2 2 5 5 2 2 0	1 1 0 2 2 3 4 3 2 0	1 1 0 1 2 2 4 2 2 0	1 1 0 1 2 2 3 3 1 1	1 1 0 2 2 3 3 4 1	2 1 0 2 3 2 3 4 1 2	3 1 0 2 3 2 2 4 1	3 2 0 3 3 2 2 * * * * * 1 5	3 1 4 2 3 2 4 2 5	3 2 1 3 2 3 2 4 2 2	1 2 1 2 2 2 1 4 1 2	1322221422	1 4 2 1 3 2 2 4 4 4 4	2222234221
MEAN	3	2	2	2	2	3	3	3	3	3	3	2	2	2	2	2	3	2	3	4	3	3	3	3	3

PERCENTAGE OF DATA VALID - 82

						ONT	ARIO	MINI	STRY	OF	THE I	ENVIR	ONMEN	T - AIR	M/	ANAGE	MENT	BRAN	CH						
	POLI	LUTAN	T - N	TROG	EN DI	OXIDE	-SALT	ZMAN					U	NITS - I	PART	TS PER	R HUNG	DREDM	ILLIO	N					
	STA	TION	- VICT	TORIA	ST S	ARNIA	OAMS	T	N	0 140	49		M	ONTH OC	T	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	2 6 4 0 5 4	2 6 4 0 5	2 3 5 3 0 4 3	2 2 5 3 1 4	2 2 5 4 2 4 1	2 4 1	2 4 2	0000	3 3 2 10 4	3 4 2 7 4	2 3 3 2 4 3	2 3 2 2 2 4 2	2	2 4 3 5 2 2 2 MISSING	3535243 -	3 6 4 5 3 6 3	4 5 3 4 6 3	3 5 3 2 5 6 4	3 3 5 3 6 7 4	3 5 5 3 7 5 4	2 5 5 3 7 5	2 6 5 2 7 5	2 6 5 1 6 4	2 6 4 0 6 4	2 4 3 3 5 3
10	4	4	4	2	2	2	3	***	3	3	3 5	3 9	4 14	7 1 <b>4</b>	6 11	8	3 7	4	10	9	6 1	4	4	4	5
11 12 13 14 15 16 17 18 19	0 1 5 1 5 3 1 2 2	0 2 5 1 5 2 2 3 2 3 2	0 3 5 1 5 3 2 3 2	1 3 5 1 4 2 1 2 2 *****	1 3 5 1 4 3 1 3 2	1 3 4 1 3 3 1 3 2	2 3 5 2 4 4 2 2 4 3 3 4 4 4 4 4	33443	3 4 1 4 3 2	3 5 4 1 3 3 2 *****	3 7 5 1 2 2 2 2 0 0 0 0 0	7 9 6 1 2 2 1	10 9 6 1 2 2 1 1	11 86 12 22 14 1	8 5 1 2 2 2 1 4 1	8 7 4 1 2 2 2 1 5	8 8 3 1 3 2 1 1 5 1	7 6 2 2 4 1 2 1 5	5 5 2 3 4 2 3 1 5 1	3 4 2 5 5 2 3 2 *****	3 4 2 5 4 2 3 2	3 2 4 3 1 3 3 ****	2 4 2 5 3 1 3 3 * * * * 2	1 4 1 5 2 1 2 2 ****	4 5 4 2 3 2 2 2 2 2
21 22 23 24 25 26 27 28 29 30	2 3 4 7 2 2 2 2 1	3 4 5 3 2 2 2 1	2 2 5 4 3 1 2 1	2 3 6 3 3 2 2 1	2 3 6 2 2 2 2 1 1	4 3 5 3 2 1 2 1 2	2 3 4 4 3 1 2	2 **** 5 4 3 1 2 1 2	0000	1 **** **** **** **** 1 ****	3 10 7 **** **** 3 1 ****	3 11 8 4 5 2	5 6 7 9 6 2 1 2 DATA	4 6 8 8 5 5 2 1	3 5 7 8 7 2 2 1	4 6 8 7 7 2 2 2	3 6 9 3 7 2 3 2	3 6 7 4 4 2 3 3	3 7 9 4 3 2 3 2	4 7 8 4 3 3 2 2	3 7 9 4 2 3 2 2	3 6 7 4 2 2 2 1	3 6 8 4 2 2 2 1	3 5 7 2 1 2 2 1	3 5 7 5 4 2 2 1
31												-	DATA	MISSING	3 -										
MEAN	3	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	3	3	3	3

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - VICTORIA ST SARNIA OAMST NO 14049 MONTH NOV HOUY 12345678990 1112345678990 112345678990 122345678990 24 MEAN 2 2 \*\*\*\* 2 1 2 1 1 2 2 1 2 4 2 2 2 2 1 1 1 \*\*\*\* 2 2 2 2 \*\*\*\* \*\*\*\*\*

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\*\*\* 2 1 1 1 1 2 1 1 1 \*\*\*\* DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING -4 0000 0000 4 5 4 3 4 4 4 4 4 4 0000 DATA MISSING 1 \*\*\* MEAN 

PERCENTAGE OF DATA VALID

PERCENTAGE OF DATA VALID -

1							ON	ARIO	MINIS	STHY	10	IHE	FMATH	ONMEN	1 - A1	H M	ANAGE	MENI	BRANC	JH						
HOUR DAY  1		POLL	UTANT	Γ - N	ITROG	EN DI	OXIDE	-SALT	ZMAN					U	NITS -	PAR	TS PE	R HUNI	OREDM:	ILLIO	V					
1		STAT	ION -	VIC.	TORIA	ST S	ARNIA	OAMS	T	N	0 140	49		М	ONTH D	EC	73									
1		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
12	1 2 3 4 5 6 7 8 9	1 1 4 4 1 1 0 2 1 2	1 1 4 3 1 1 0 1 1 2	1 1 5 3 1 1 0 1 1 2	1 0 1 1	1 1 5 2 2 1 1 1 1 2	0 1 1	1 1 5 1 2 1 1 2	1 1 5 1 2 1 1 2 1 2	1 1 1 1 2		1 1 1 2 2 1	1 1 5 1 1 1 2 1 1 2	1 1 2 1 1	1 1 2 1	2 5 1 1 2 1 2	2 5 1 1 2 1 2	2 6 2 1	2 6 2 1 1 1 2	2 5 2 1 1 1 2	25 2 1 1 1 2	1	2 5 1 1		3 4 1 0 2 1	1 2 5 2 1 1 1 1 1 2
	12 13 14 15 16 17 18	1 22 20 1 1 1 1	1 2 2 0 1 1 1 1 1		2	2	2 0 1 1 0	2	2	2 2 0 1 1 1	0 0 0 0 0 0 0 0	2	2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 1 1 1 2000	0 2 1 2 ****	2 0 2 2 2 2 3 VG -	1 **** 1 2 1 1	2 2 1 1	2 1 2 3 2 1	3 1 1 3 2 1	2 2 1 2 2 1 ****	2 2 0 1 1 2 1	2 2 0 1 2 1 1	2 2 0 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0	2 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DATE STORY	27 28 29	3	**** 3 1	**** 3 1	****	196	**************************************	3 1	3 1	***** 4 1			: :	DATA DATA DATA DATA DATA DATA 3	MISSI MISSI MISSI MISSI MISSI	VG - VG - VG - VG -	5			1	1	1	1	1	2 1 4	**** 3 2
31 3 3 3 3 3 2 1 1 1 2 2 2 3 2 2 3 3 3 2 3 2	31	3	3	3	3	3	2	1	1	1	2	2	2	3	2	2	3	3	3	2	3	2	2	1	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT RRANCH

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - VICTORIA ST SARNIA OAMST NO 14049

FREQUENCY DISTRIBUTION BY PERCENTILES
PERCENT

SEP

OCT

NOV

DEC

YEAR

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION MONTH DAYS OF VALID DATA AVERAGE CONC. 24 - HOUR MAXIMUM MAXIMUM READING JAN FEB MAR APR MAY JUN R JUL AUG 

ARITH MEAN

2.5

MAX

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNIT - PARTS PER HUNDREDMILLION STATION - VICTORIA ST SARNIA OAMST NO 14049 00 TO 01 02 TO 03 04 TO 06 07 TO 10 11 TO 13 14 TO 20 21 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR

0.3 1.0 1.7 2.6 4.1

FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95

6.1

5 0

7.0

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION

	STA	TION	- KIN	G/REC	TORY	LONDON	FAIR	₹	N	1500	01		M	ONTH JA	AN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
12 3 4 5 6 7 8 9			***** 1 1 1 2 3 1		* * * * * 1 1 1 1 1 2 1	1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 2 1	**** 1 1 1 1 2 2 2	0000	* * * * * * 1 * * * * * * * * * * * * * * * * * * *	**** 1 2 1 1 1 1 2 2	* * * * * 1 2 1 1 1 1 1 2 2	DATA **** 1 2 1 2 1 1 1 1 2	MISSIN 1 2 1 1 1 1 1 1 3	NG - 1 1 1 1 1 1 1 1 3	1 2 1 1 1 1 0 1 4	1 2 2 2 2 1 1 1 1	1 2 2 2 2 1 1 1 2	2 2 2 2 2 2 1 2 2	* * * * 2 2 2 1 2 2 1 2 2 2	1 1 1 2 2 1 1 2 2	1 1 2 2 2 1 2	* * * * * * 1 1 1 2 2 2 1 2	1 1 1 2 2 1 1 2	1 1 1 1 1 2 1 2
11 12 13 14 15 16 17 18 19 20	2 2 2 2 2 2 2	2 1 2 2 2 1 2 2 2 2 2	2 1 2 2 2 1 1 1 2 3	2 1 2 2 2 0 0 0 0 0 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 1 2 2 2 2 2 2	2 1 2 2 2 2 3 3 2	2 2 2 0 0 0 0 0 1 2 3 3 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 2 2 2 2 3 4 4 4 4 4	2 2 2 2 2 2 2 3 3 0 0 0 0 0 0 0	2 2 2 0 0 0 0 0 0 0 1 2 2 0 0 0 0	2 2 2 0 0 0 0 1 2 2 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3	1 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 2 **** 2 3 3	1 2 0000 0000 2000 2 4 4	1 2 2 2 0 0 0 0 2 4 3	1 3 2 **** * 2 4 4 3 * * * * *	1 2 2 **** 2 2 4 3 ****	1 2 2 2 2 2 2 3 3	1 2 2 2 2 2 2 3 2	1 2 2 2 2 2 2 3 2 2 3 2	2 2 2 2 3
21 22 23 24 25 26 27 28 29 30	3 2 1 1 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	***** 1 ***** 2 2 1 1 2	**************************************	* * * * * * * * * * * * * * * * * * *	***** **** **** 1 2 1 1 2	* * * * * 2 2 2 1 1 3	2 2 2 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * 2 * * * * * 2 2 1 1 2	2 ***** 2 2 2 2 1 0 2	1 1 2 2 2 1 0 2	DATA 1	MISSIN MISSIN 2 2 2 2 2 2 1 0 2	NG - 2 2 2 3 2 1 1 2	2 2 2 2 2 1 1 2	2 2 2 2 1 1 1	2 **** 2 2 2 1 2 2	2 **** 2 2 2 1 1 2	2 **** 2 2 1 1 1 2	**** **** 2 2 1 1 1 1 2	2 **** 2 2 1 1 1 2	2 **** 2 2 1 1 1	2 * * * * 2 2 1 1 1 1	**** **** 2 2 1 1
31	1	1	0	1	4	0	1	1	0000	1	1	2	2	4	1	2	2	2	2	2	2	2	2	3	1
MEAN	2	2	2	2	1	1	2	2	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 69

						ONTAI	RIO M	INIS	STRY	OF 1	THE E	NVIRO	MENT	- AIF	R MAI	NAGEM	ENT I	BRANCI	н						
	POLLU	TANT	- NIT	ROGEN	DIOX	IDE-	SALTZM	AN					UNI	TS -	PART	S PER	HUNDI	REDMI	LLION						
	STATI	ON -	KING/	RECTO	RY LC	NDON	FAIR		NO	1500	1		MON	ITH FE	В	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9 10	2 1 1 2 2 2 2	2 1 1 2 1 1 2	2 1 1 2 0 1 1 1 2	2 1 1 1 0 1 1 1 1 2	2 1 1 1 1 1 1 1 2	2 1 1 1 1 0 1 1 2	2 1 1 1 1 1 1 1 1 1 2	1 1 1 1 1 1	0000	1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 2 2 1 1 2 1 1 3	2 1 1 1 1 1 1 2 1	2 1 1 2 1 1 1 1	2 2 2 1 1 1 1	2 2 1 1 2 2 1 2 1	2221122121	222222122	222223132	2 2 1 1 2 2 2 1 3 2	2311122132	2211122122	1 2 2 1 2 2 1 2 1	1 1 2 1 1 2 2 2 2 1	221111122
11 12 13 14 15 16 17 18 19	2 2 5 3 1 1 4 3 2	2 1 2 5 3 1 2 3 3 2	2 2 5 2 1 2 4 3 2	2 2 2 5 2 1 2 3 2 2	2 2 4 2 0 1 4 3 2	1 2 2 4 2 1 1 3 2 2	2234211333	22421233		2 2 2 4 * * * * * 1 2 2 2 2	2 2 2 4 1 2 2 2 2 2	1 2 2 4 1 1 2 2 2	1 1 2 4 1 1 1 2 2 2	2 1 2 4 1 1 2 2 3 2	1 1 2 3 1 1 2 2 3 1	1 1 2 3 1 1 2 2 2 1	2224112331	2233124432	2233214432	2233114331	2243124432	22333114321	2233114322	2 2 5 3 1 1 3 3 3	2224212332
21 22 23 24 25 26 27 28	2 1 3 3 2 2 2 2	2 1 3 2 2 2 2 3 3	2 1 3 2 3 2 2 3	2 1 2 2 3 2 2 4	2 1 2 2 3 2 2 3 3	2 1 2 1 3 2 2 3	2 1 2 1 3 2 2 3	231232		32312213	22311222	2 1 2 1 1 2 2 2 2	2 1 2 1 2 2 1 3	2 2 2 1 2 2 2 4	2 2 2 2 2 2 3	2 2 1 2 2 3	2223233	1 3 2 2 3 3 2 3	1 3 2 2 3 3 3 3 3 3	1 3 3 2 2 3 3 4	23322334	1 3 2 2 2 3 3 4	2 3 3 2 2 3 3 4	233223333	2 2 2 2 2 2 3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POLL	UTANI	- N	TROGE	N DI	OXIDE -	SALTZ	MAN					U	NITS -	PART	TS PEF	HUNE	DREDMI	LLION						
	STAT	ION -	KIN	G/RECT	ORY I	LONDON	FAIF	4	NO	1500	1		MC	N HTM	MAR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23		MEAN
2 3	4 3 5	3 3	2 3 4	3 2 5	3	3	3	3 2	0000	3 0 0 0 0 0 0 0	3	3	2 3	3	3 4	3 4	4	4	5 5	6	6	3 5 • • • •	3 6	3 5	3 4
4 5 6 7 8 9	2 2 4 2 2	3 1 3 3 1	3 1 3 3 3 2	3 1 2 2 2	2 1 3 2 2	2 1 4 2	2 1 4 1 2	• • • • • • • • • • • • • • • • • • •	2 1 3	2 2 3 2 3	1 1 2 3 2 3	3 1 1 3 2 3	DATA 2 2 3 3 2 3	MISSI 2 2 2 2 2 3	NG - 1 3 2 2 2 3 2	1 3 2 2 3 2	0 3 2 2 3 3	3 3 2 3 3	2 3 2 2 3	2 3 3 3 2 3	2 3 3 2 2 3	2 3 3 2 2 4	2 2 3 3 2 4	2 2 3 2 4	* * * * * 2 2 2 3 2 3
11 12 13 14 15 16 17 18 19 20	3 2 1 2 3 2 1 1 1	3 1 1 2 3 2 1 1 1 2	2 1 2 2 3 2 1 1 1 2	2 1 1 2 3 1 1 1 1 2	2 1 1 2 3 1 1 1 1 1 2	2 1 1 2 3 2 1 1 1 3	1 1 1 2 3 2 1 1 1 2	2 2 2 3 3 2 1 1 1 2		2 3 2 2 2 1 1 1	2 1 3 3 2 2 1 1 1	2 1 3 3 2 2 2 1 2 1	2 1 2 3 2 1 2 1 2 1	2 1 2 3 2 1 2 1 1	2 1 3 4 2 1 2 1 1	2 1 3 3 2 	2 1 3 3 3 3 1 1 1 2	2 1 3 4 2 2 1 1 1 2 2	2 1 3 4 2 2 1 1 2 2	2123321222	3 1 2 4 3 2 1 1 2 1	3123221121	3 1 2 2 2 2 1 1 2 2	2122321122	2 1 2 3 3 2 1 1 1 2
21 22 23 24 25 26 27 28 29 30	22223322323	2223332222	21233332222	2122422222	112242222	2 1 2 2 4 2 2 3 2 2	1 1 2 3 2 2 2 2 3 2 2	2 2 2 3 3 3 2 3 2 3		2 2 2 4 4 2 2 3 2 3	2 1 1 3 3 2 2 2 3 3 3 3	1 1 2 2 2 2 3 3 3 3	1 1 1 2 2 2 2 2 3 3 2	1 1 1 3 2 2 2 2 2 3 3	1 2 1 3 2 2 2 3 3 3 3	1 2 1 2 2 2 2 2 4 3	1 2 1 2 2 2 2 2 4 3	1 2 1 3 3 2 2 4 3 3	1223323532	NNN34N343N	2223424341	2223424331	2223324331	2223323231	2223322332
31	1	1	2	1	1	1	1	1	0 0 0	1	2	2	2	2	2	3	3	4	4	3	3	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 87

						ONTAR	OIF	MINIS	STRY	OF T	HE E	NVIRON	MENT	- AI	R MA	NAGEM	ENT	BRANCI	-						
	POLLU'	TANT	- NIT	ROGEN	DIO	IDE -	SALTZ	MAN					UNI	TS -	PART	S PER	HUNE	DREDMI	LLION						
	STATIO	ON -	KING	RECTO	RY LC	NOON	FAIR		N	1500	1		MON	TH A	PR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	3221123222	2 2 1 1 3 2 1 1	2 2 1 1 1 2 3 2	2 1 1 1 2 2 1 1 1	1 1 2 1 1 2 1 2 1 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 3 1 1 1 1 2	1 2 1 1 2 2 1 1 1	0 0 0 0 0 0 0 0	1 2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 1 1 1	1222122112	2 2 2 2 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 1 1 2 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3 1 2 1 1 2 1 1 2	2222122112	1 2 2 2 2 1 1 2	2 2 1 2 2 1 1 2	2222	2 2 2 2 3 1 1 2	222222122	2221323222	2 2 1 1 3 2 3 2 1	2 2 1 1 3 2 2 2 1 1	1 2 1 1 3 3 2 1 2 1	2 2 1 1 2 3 2 2 2 2 1	2 2 1 1 2 2 2 1 1 2
10	2	2	1	1	1	2	-		2		-		3		2	2	_	2	-	2		5	4	,	2
11 12 13 14 15 16 17 18 19 20	1 3 2 3 3 2 2 4 2 3	1324323323	23243213223	2323322322	2 3 1 3 2 1 3 2 2	2323332323	3 2 3 2	3 2 2	2 2 1 2 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 1 1 2 3 2 2 2 2 2	21123	1 1 3 3 2 2 2 2	1 1 3 3 4 2 2 2 2 2	1 2 3 3 5 2 2 2 2	3 3 4 2 2 2 2	2 1 2 3 3 4 3 3 4 2 2 2	2 2 4 4 4 4 4 2 2 2	2 2 4 3 4 5 3 2 2	3 2 2 5 3 4 4 3 3 2	3 2 2 5 3 5 4 3 3 3	4 2 2 4 3 4 4 2 3 3	0234334233	234225233	3 4 3 2 2 4 2 3 3	2223333322
21 22 23 24 25 26 27 28 29 30	3422222112	3322122112	3 3 2 2 1 2 2 1 1 2 2	3 2 2 1 1 2 1 1 2	3 2 2 1 0 1 1	3 2 2 2 1 0 1 1 1 1 1	3 2 2 2 1 1 1 1 1 2	3 2 3 2 1 1 1 1 1 2	0000	3 2 3 1 2 1 2	4 2 3 1 1 1 2	4 3 3 1 1 1 2 1 1 2	4 2 3 1 1 1 2 1 1 2	1 .	3 2 3 1 1 2	2 2 3 1 1 1 1 1 1	2 2 3 1 1 1 2 2 2 1 1 1	2231112121	2 2 3 1 1 2 2 2 2 2	2241212223	2231222222	2 2 3 1 2 2 1 1 2 2	3 2 3 1 2 2 1 1 2 2 2	3 2 1 2 2 1 1 1 2 2	3 2 3 1 1 1 2 1 1 2 2 1 1 2 2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2

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	POLI	UTAN	T - N	ITROG	EN DI	DXIDE	SALT	ZMAN					U	NITS	- PAR	TS PE	R HUNG	DREDM:	ILLION	٧					
	STA	ION	- KIN	G/REC	TORY	LONDON	N FAIR	3	N	0 150	0.1		M	ONTH I	YAN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	1.3	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	1 2 1 1 2	1 1 1 2 2	1 1 1	1 2 1 1	1 2 1 1	1 2 1 1 1	2 2 1 1	3 2 2 1 1	6 × 6 6 6 × 6 6 6 × 6 6	2	2 3 2 1	2 2 2 1	DATA	2		3 2 2 1	2 2 2 1	2 2 2 1	2 2 2 1	2 2 2 1	2 2 2 2 2	2 2 2 2 2 * * * *	2 1 2 2 ****	2 1 2 1	2 2 2 1
7 8 9 10	2 2 1	1 2 2	* * * * 1 1 2	1 1 2	1	1 1 2	1 1 2	1 1 2	6 0 0 0 6 0 0 0 9 0 0 0	1 1 2	1 1 2	1 1 1	1 1	1 1	1 1	2 1 2	1 1 2	2 1 2	2 2 2	2 2 2	2 2 2	2 2 1	2 2 1	2 2 1	1 1
11 12 13 14 15 16 17 18 19 20	2 1 1 1 2 2 1	1 2 1 1 2 2 1	2 1 1 2 2 1	2 1 2 1 2 1	1 1 0 1 1 2 1	2 1 0 1 1 2 1	2 1 0 1 1 2 2	2 1 0 1 2 2 2 2	9 0 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 2 1	1 1 1 2 1 2	1 1 1 2 1 2 1	DATA	MISSI MISSI MISSI	NG -	1 1 1 2 1 2	2 1 1 2 1 2 2	2 1 2 1 1 1 1	2 1 1 2 2 1 1	2 1 1 2 3 1 1	2 1 1 2 3 1	2 1 1 2 3 1 1 ***	2 1 1 2 3 2 2 ***	2 1 1 2 2 2 2	2 1 1 2 2 2 1
21 223 24 25 26 27 28 29 30	2 1 1 1	2	0 0 0 0 2 0 0 0 0 1 1 1	*****  1 1 1	\$ 0 0 0 1 0 0 0 0 1 1 1	# • • • • • • • • • • • • • • • • • • •	2 0 0 0 0 2 0 0 0 1 1 1	* * * * * 2	2 **** 1 1 2 1	****  ****  ****  ****  ****  ****  ****	***** 2 2 1 ****	•	DATA	MISSI MISSI MISSI ***** 1 1 2 1	NG -	2 **** 2 1 2 1 2	2 2 2 1 2	2 * * * * 2 1 2 1 2	2 * * * * 2 1 2 1 2	2 **** 2 1 2 1 2	2 * * * * 2 1 2 1	2 2 1 2 1 1 1	2 0 0 0 0 2 1 2 1 1	2 1 1 1 1	* 0 0 0 * 0 0 0 * 0 0 0 1 1 1 1
31	1	1	1	1	1	1	1	1	1	*****	1	2	2	2	3	0000	2	2	2	2	3	3	2	2	2
MEAN	1	1	1	1	1	1	4	Ti.	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1

PERCENTAGE OF DATA VALID - 63

						ONTA	RIO M	MINIS	STRY	OF "	THE E	NVIRO	MENT	- AI	R MA	NAGEM	ENT	BRANG	СН						
	POLLU	TANT	- NI	TROGE	N DIO	KIDE-	SALTZM	MAN					UN	ITS -	PART	S PER	HUND	REDM	LLION	ı					
	STATI	ON -	KING	/RECT	ORY LO	NDON	FAIR		N(	1500	)1		MO	NTH J	UN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	2 2 2 1 1 2 1 1 1	22211121	1 2 2 1 1 2 1 1	1 1 1 1 2 1 1 0 1	2 1 1 2 1 1 2 0 1	2 1 1 2 2 1 1	2 1 2 2 1 2 2 1 1	2 2 1	2 2 1 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 1 2 2 0 1	1 2 1 1 1 1 2 1 0	1 1 1 1 1 2 1 0 1	1 1 1 1 1 2 1 0 1	2 1 1 1 2 2 1 0 1	2 1 1 1 2 2 1 0 1	2112223102	2 1 2 1 3 2 0 2	2212112202	2 2 1 2 1 1 2 2 0 2	2 2 1 1 2 2 2 2 2	2 2 2 1 1 2 2 1 2	2 2 2 1 1 2 2 1 1	2 2 2 1 1 1 2 1 1	22112112211
11 12 13 14 15 16 17 18 19	1 2 0 1 1 2 2 0 1 1 2	1 2 0 0 1 1	1 2 2 1 0 0 1 1	1 0 1 1	1 0 1 2 1 0 1 1 1 1 1 1	0 1 2 1 0 1 1 1	0 1 2 1 1 1 1 1 1	1 2 2 1 0 1		0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1 1 1	1 0 1 1 1 1 1 1 1	1 0 0 0 1 1 1 1 1 1 1 1	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 1 2 1 0 1 1 1 1	1 0 0 1 2 1 1 1	0000	0 1 1 3 0 1 1 1 1 1	3 1 1 1 1 1	0 1 4 1 1 1 1 1 1	1 0 1 1 1 1 1 1	1 1 2 4 1 1 2 2		0 1 2 1 1 1 1
21 223 24 256 267 2890 2890	1 3 2 2 2 1 1 1 1 1 2	1 2 2 1 1 1 1 1 2	1 2 1 1 2 1 1 1 1	1 2 1 1 2 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 1 1 1 1	1 2 1 1 2 1 2 1 1	1 1 2 3 2 2 1		2 1 1 1 1 1 1 1	2 1 1 1 1 1 2 1 1 1	2 1 1 1 2 1 4 1 2	1 1 0 1 1 2 2 1 1 2	1 1 0 1 1 1 2 1 2 1	1 1 1 1 1 2 2 2 1	1 1 1 1 0 2 2 2 2 2 1	1 1 1 2 2 2 2 2 2 2 2	1 1 1 1 2 2 2 2 2	1 1 1 1 2 2 2 3	1 1 1 2 2 2 2 2	2 1 1 1 1 1 2 2 2 2 2	2 1 2 1 1 2 2 2 2 2 2	2 1 2 1 1 2 2 2 2 2 2	3 1 2 1 1 1 1 2 2	1 1 1 1 1 1 2 2 1 2
MEAN	1	-1	1	1	1	4	1	1	2	7	1	1	1	1	ñ	1	1	1	1	1	1	2	2	1	1

	POLLU	JTANT	- NI	TROGEN	DIOX	IDE - S	ALTZ	MAN					UN1	ITS -	PART	S PER	HUNDE	REDMI	LLION						
	STATI	ON -	KING	RECTO	RY LO	NDON	FAIR		N	0 150	01		MOM	IL HTM	UL	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	2 2 2 2 2 2 1 1	3 2 2 1 2 2 2 2 1 1	2 2 1 1 2 2 1 1 1	2 2 2 1 2 2 1 1 3	2 2 1 2 2 2 1 1	1 2 1 2 1 2 2 2 1	4 2 1 2 1 3 2 2 1 2	1212132212			1 1 2 2 1 1 2 2	1 1 2 1 2 1 1 1 1 2	1 1 1 2 1 1 1 2 2	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1 1	0 1 1 1 2 1 0 1	1 1 1 1 2 2 0 1 1	1 1 1 2 2 1 1 1	1 2 1 1 3 2 1 1 1	1 1 1 3 2 1 1 1	1 1 2 2 2 3 2 2 1 2	1 1 2 2 3 3 1 1 2	1 2 1 1 2 2 3 1 1 1	2231222121	1 1 1 2 2 1 1 1
11 12 13 14 15 16 17 18 19	1 1 1 1 1 2 2 2 2	1 1 2 1 1 1 2 2 1	1 1 0 1 1 2 2 1	1 1 1 1 1 1 2 2 1	2 1 1 1 2 2 2 1	2 1 1 1 1 1 2 2 2 2 2	1 1 1 1 1 2 2 2 3	2		1 2 1 0 0 1 1 2 5	1 2 1 0 0 1 1 1 2	1 1 2 1 0 0 1 1 1 2 2	1 1 2 1 0 0 0 1 0 2 2	0 1 2 0 0 0 1 0 1 3	0 1 2 0 0 1 0 0 1 2	0 1 2 0 0 1 0 1 1 3	1 2 1 1 0 1 1 1 2 3	1 2 1 1 0 1 1 1 2 3	1 2 1 1 0 0 1 1 1 2 2	1 2 1 1 3 0 1 1 1 2 2	1 2 1 1 1 0 1 2 2 2 2	1 2 1 1 0 0 1 2 2 2 2	1 2 1 1 0 1 2 2 2 2 2	1 2 1 2 1 1 2 2 2 1	1 1 1 1 1 1 2 2
21 22 23 24 25 26 27 28 29	1 1 2 1 1 2 2 1 2	1 1 2 1 1 1 2	1 2 2 1 1 2 2 1 1 2 2	1 1 2 1 1 3 2 1 1 1 2	1 1 2 1 1 2 1 1 2	1 1 2 1 1 1 1 1 2	1 1 2 2 1 1 1 1 1 2	1 1 2 2 1 1 1 1 2	2 2 1 1 1 2	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 2 2 2 1 2	0 0 1 1 1 2 1 2 1 2	0 0 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 1 1 1 2 1 1 1 2	1 0 0 1 1 2 2 1 1	1 0 0 0 0 1 2 2 2 1 1 1	0 0 0 0 2 2 2 1 1 1 1	0 0 1 0 2 2 1 1 1 1 1	1 0 1 1 2 1 1 1 1 1	1 1 1 2 1 1 1 1 1	2 1 1 1 2 1 1 1 1 1 1	2 2 1 1 2 2 1 2 1	2 2 1 1 2 2 1 2 1	1 2 1 1 1 2 2 2 2	1 1 1 1 2 1 1 1 2 2 1 1 1 2 2
31	1	1	1	1	1	1	1	1.	0 9 0 0	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1
MEAN	2	1	1	1	1	Ĭ	2	2	2	1	1	1	1.	1	1	1	1	1	1	1	1	Ť	1	2	1

PERCENTAGE OF DATA VALID - 94

						ONTA	ARIO	MINIS	TRY	OF 1	THE I	ENVIR	NMENT	- A	IR MA	ANAGEN	MENT	BRANC	Н						
	POLL	UTANT	- NI	TROGE	N DIC	XIDE -	SALTZ	MAN					UN	IITS -	PART	TS PEF	HUND	DREDMI	LLION						
	STAT	ION -	KING	RECT	ORY L	ONDO	N FAIR	3	NO	1500	) 1		MC	NTH A	AUG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 2 3 1 1 2 2 1	1 1 1 2 3 1 1	1 1 1 1 2 3 3 1 1 2 2 1	1 1 1 2 3 1 1 2 2 1	1 1 1 0 2 2 2 2	1 1 1 1 1 1 2 2 2 1	1 1 1 1 1 2 2 2 2	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2	1 1 2 1	1 0 0 2 1 1 2 2 1	1 0 1 1 1 1 1 1 1 1	1 2 0 0 1 1 1  2 2	2 2 1 0 1 1 1 1 2 2 2 2 2	1 2 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 1 0 1 1 1 1 2 1 2	1 1 1 2 2 2 2 2 2 1 2	2 1 1 3 3 2 2 2 2 2	1 0 1 3 3 2 • • • • • • • • • • • • • • • • • • •	1 1 1 2 3 2 2 2 2 2	1 1 3 3 1 2	1 1 1 2 2 2 **** 2 2
11 12 13 14 15 16 17 18 19	2222122322	2212122322	2122122222	211212222	1 1 2 1 2 2 2 1 2	1 1 2 1 2 2 2 2 2 2 2 2	2 1 2 2 2 1 2 2 2 1 2	1 2 2 2 2 2 2 2 2 1	2 2 1	2 1 2 2 2 2 1 2	2 1 1 2 2 1 2 2 1 2	1 1 1 2 1 1 2 1 1 2	1 1 2 1 1 3 1 1 1	1 1 1 3 1 1 1 1 1	1 1 1 2 2 2 1 1	1 1 1 1 2 2 2 1 1	1 1 2 1 1 2 2 1 1	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 2 2 1 1	2 1 1 3 1 2 3 2 1 1	2 1 2 2 1 2 3 2 1 1	2 1 2 1 2 4 2 1	2221224221	2 2 2 1 2 2 3 2 2 1	2 1 1 2 2 2 1 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 2 1 0 0 3 1	1 1 1 2 1 0 0 0 1 1	1 1 1 2 1 1 1 0 1 1	1 0 1 1 2 1 1 0 1	0111221011	0 1 1 1 2 1 1 1 1 2 2	1 1 2 2	1 2 2 1 1	1 0 0 0 0 0 0 0 0	1 1 2 1 1 0 1 2	1 1 0 0 0 0 1 1 1 0 1 1	1 1 2 0 1 1 1 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1 0 0 1 1	1 1 2 0 1 0 0 1 1 1 1	1 1 2 0 1 0 0 1 1 1 1	1 1 1 1 0 0 1 1	2220111	1 1 2 1 1 1 1 1	1 1 2 2 1 3 5 2 1	1 1 2 2 2 2 1 3 4 1 1	1 1 2 2 2 1 2 3 1 1	0123211311	0122200312	1 1 1 2 1 1 1 1 1 1 1 1
31	1	1	1	1	1	1	2	2	000	2	2	2	1	1	1	2	2	2	2	3	3	2	2	2	2
MEAN	2	1	1	1	1	1	1	2	2	1	1	,	1	1	1	1	1	1	1	2	2	2	2	2	1

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION MONTH SEP STATION - KING/RECTORY LONDON FAIR NO 15001 24 MEAN 2 \*\*\*\* 2 \*\*\* 4 \*\*\* 4 \*\*\* 2 \*\*\* 2 \*\*\* 1 2 3 4 5 6 7 8 9 10 2 1 1 12 13 14 15 16 17 18 19 20 1 0000 1 2 0 1 2 2 1 2 2 ONN 22 23 24 25 26 27 28 29 30 CONNUNNUNN 

PERCENTAGE OF DATA VALID - 94

2 2

MEAN

						ONTA	RIO	MINIS	STRY	OF 1	THE E	NVIR	NAMMC	T - A	IR M.	ANAGEM	IENT	BRANCI	4						
	POLLU	JTANT	- NIT	ROGEN	DIO	XIDE -	SALT	ZMAN					U	NITS	- PAR	TS PER	HUND	REDMI	LION						
	STATI	ON -	KING	RECTO	RY LO	ONDON	FAI	3	NO	1500	) 1		М	ONTH	ост	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	2 2 2 1 4 3 2 2 2 2	2213123222	3 1 1 1 2 2 2 2 4	3 1 1 1 0 2 2 1 2 2	3 1 1 1 2 2 1 2 2	3 4 1 1 2 2 1 2 3	4 1 2 1 2 1 2 1 2 2 1 2 2	4	4 2 2 2 1 2 2 2 3 3	3222122233	3 2 2 2 1 2 2 2 4 3	322212223	2 2 2 1 1 2 1 2 2 8	33 22 11 11 11 12	2 3 1 2 1 2	2 2 2 3 2 2 2 1 1 2	2 2 2 3 2 2 2 1 2 2	3223132233	3224232223	2223232323	2222342223	2 2 2 3 4 2 4 2 4 2 4	2 2 2 1 3 3 2 3 3 4	2221332323	32222223
11 12 13 14 15 16 17 18 19	2 2 3 1 2 2 2 2	2231121122	2 2 1 2 1 1 2 2 2	3221211222	2221211222	2 2 3 1 2 1 1 2 2 2 2	2 3 3 1 2 1 1 2 2 1		3 2 3 1 2 1 1 1 2 1	3231111222	2 3 3 1 1 4 1 2 2 2	2331111122	4 3 3 1 1 1 1 2	2 2 3 1 1 1 1 1 2		2 2 3 1 1 1 1 3 1	3 6 3 2 2 1 	3 4 3 1 2 1 2 1 3 1	3 4 2 1 2 1 6 1	3 4 2 2 2 1 2 2 3 1	3 4 2 2 2 1 2 2 2 1	4 3 2 2 2 1 2 2 3 1	3 3 4 2 1 2 2 3 2	3 3 2 2 3 1 2 2 2 2 2	3 3 1 2 1 1 2 2
21 22 23 24 25 26 27 28 29 30	2223221221	1524311221	1 2 2 3 2 1 1 2 2 1	1223211222	1 2 2 3 2 1 1 2 2 1	122321	2 2 2 2 1 1 1 2 2	2 * * * * * * * * * * * 1 2 2 2	2 3 3 3 3 1 2 2 2 2	1 4 3 3 3 3 4 4 4 1 2 2 2	1 3 3 3 3 1 2 2 2	2 2 3 3 3 3 1 2 2 2	23453453412222	1 2	3 2 3 3 2 1 2	2243321222	23433112222	23433122222	2344312222	33544122222	3354313222	2344312212	2343213222	2373212222	2 3 3 3 3 1 1 2 2 2 2
31	1	2	2	1	1	à	1	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2	2	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

	POLIL	JTANT	- NIT	ROGEN	DIOX	IDE-S	ALTZM	AN					L	NITS -	PAR	TS PE	R HUN	DREDM	ILLIO	N					
	STATE	ON -	KING	RECTO	RY LO	NDON	FAIR		N	150	01		N	ONTH NO	V	73									
HOUR	,	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	22222222222	2222212322	2 2 1 2 2 3 2 2 2	1 2 2 1 2 2 2 2 2 2	1 2 2 2 2 2 2 2 2 2 2 2 2	1 2 2 2 2 1 2 3 2 2	1 2 2 2 1 2 3 2 2	122223322			2222333222	2 1 2 2 2 2 2 2 2 2 2	2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2	2222222222	2222223223	2 2 2 2 3 2 2 3 3	222224223	222233553	2 2 2 2 2 3 3 4 3 2 3	2 2 2 2 2 3 4 3 2 3	222234223	222233222	2222222223	2222222223	2222222222
11 12 13 14 15 16 17 18 19 20	2 3 3 2 2 1 2 3 1 2	2321222312	3 2 1 2 1 2 2 1 2	2 1 2 1 2 2 1 2	3 2 1 2 1 2 2 1 2	3 2 1 1 1 2 2 1 3	3 3 2 1 1 2 2 1 3	3 3 2 1 2 1 2 2 1 3	33221221	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 3 2 2 2 1 2 2 1 3	23223122213	2 3 2 2 2 1 2 2 1 3	2332213212	2333223212	2 3 3 3 2 1 2 2	3 4 4 2 1 2 2 2 3	33442233223	23332223223	2333223223	2333223223	2323123223	222222223	3322223123	2 3 3 2 2 1 2 2 1 3
21 22 23 24 25 26 27 28 29 30	3	3	3	3	3	3	3	3	3	O 和 6 C	2		DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING		\$.0.0 B	5 6 6 6	S 4 4 6		0000	* * * *	2000	****		***
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PERCENTAGE OF DATA VALID - 64

						ONTA	RIO	MINIST	RY	OF T	HE E	NVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRANC	н						
	POLL	UTANT	- NI	TROGE	EN DI	OXIDE -	SALTZ	MAN					U	NITS	PAR	TS PE	R HUNI	DREDMI	LLION						
	STAT	ION -	KING	RECT	TORY	LONDON	FAIR		NO	1500	1		М	ONTH	DEC	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24 N	IE AN
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11 12 13 14 15 16 17 18 19 20	1 2 2 2 2 3 2 1 3 3	1 2 3 1 2 2 2 3 2 3 3	1 2 3 1 2 2 2 2 2 3	1 2 3 1 2 2 1 1 2 2	1 2 3 1 2 2 1 1 2 3	1 2 3 1 2 2 1 1 2 3	1 2 3 1 2 2 2 2 3 3	1 2 4 1 2 2 2 2 3 3	3222223	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 2 4 2 2 1 2 2 3 3	1 1 3 2 2 1 2 2 3 3	1 1 3 2 2 1 2 2 3 3	3 2 2 1 2.6 % 2 3 3	3 2 2 1 2 3 2	3 2 2 1	1 3 2 2 2 2 2 2 4 3	3 2 2 2 2 2 2 4 3	23333322252	2322321342	2323321342	2223331342	2223331342	2223321331	1232222233
21 22 23 24 226 27 28 29 30	1 2 3 3 1 2 1 2 2	1 2 2 2 2 1 2 2 2 2 2 2	1 2 2 2 2 1 2 1 3 1	1 1 2 2 2 1 2 1 2 1	1 1 2 2 2 1 3 1 2 2	1 1 2 2 1 3 1 2	1 1 2 2 1 3 2 2 1	2 2 1 2 1 1 2 2 2 2	3 1 2 1 2 2 2 2 2	2 2 2 2	22221222	1 3 2 1 3 2 2 2 2	132221	1 3 1 2 1 2 2 3 2 2 2	1 2 1 2 1 2 2 2 2 2	1 2 1 2 3 3 2 2	1 3 1 3 2 2 3 3 3 2	1 3 2 2 2 2 3 3 3 3 3	1 3 2 2 1 3 2 3 2 3 2 3	2322222223	2 1 2 2 1 2 2 2 2 3	21222222222	1 1 2 2 2 1 2 2 2 2	1 2 2 3 1 1 1 1 2 2	122222222222222222222222222222222222222
3 1	3	3	3	2	2	2	2	2	2	0 0 0 0	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - KING/RECTORY LONDON FAIR NO 15001

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	27	2	3	4
FEB	28	2	:4,	5
MAR	30	2	4	6
APR	30	2	3	5
MAY	24	1	2	3
JUN	30	1	2	.4
JUL	31	1	2	5
AUG	31	1	2	5
SEP	30	2	3	.4
ост	31	2	3	7
NOV	21	2	3	5
DEC	28	2	3	5
YEAR	341	2	4	7

		01/7107/	WINTERTON	OF THE	ENLITONMENT	ATO HAN	ACCHENT DE	ANCL		
		ONTARIO			ENVIRONMENT	- AIH MAN	AGEMENT BE	MANCH		
MONTHLY G	ROUP FREQUE	ENCY CLASSIF	CATION FOR	73						
POLLUTANT	- NITROGE	N DIOXIDE-SAL	TZMAN		UNIT	- PARTS PE	R HUNDREDMI	LLION		
STATION -	KING/RECT	ORY LONDON FA	AIR NO	0 15001						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL		
JAN	225	283	6	0	0	0	0	514		
FEB	205	396	34	0	0	0	0	635		
MAR	148	454	47	0	0	0	0	649		
APR	208	427	38	0	0	0	0	673		
MAY	262	210	0	0	0	0	0	472		
JUN	464	201	4	0	0	0	0	669		
JUL	458	245	2	0	0	0	0	705		
AUG	417	255	4	0	0	0	0	676		
SEP	312	366	5	0	0	0	0	683		
OCT	173	485	43	1	0	0	0	702		
NOV	5 4	404	9	0	0	0	0	467		
DEC	163	456	1.0	0	0	0	0	629		
YEAR	3089	4182	202	1	0	0	0	7474		
FREQUENCY	DISTRIBUT	ION BY PERCEN	NTILES							
	PERCENT			EDECUEN	CONCENTRAT		NIT			ARITH
	OF DATA VALID	MIN	10 30		ICY DISTRIBUT 70	90 PERCE		99	MAX	MEAN
	8.5	O	0 2 0	7 1 2	1 7	2.4 2.	8 3.3	3 . 8	7	1 . 7

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 1 1 3 1 2 1 3 1 1 3 3 4 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 1 2 \* \* \* \* . . . 3 . . . 2 . . . . . . . . . . . . . . . . . . MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING - DATA MISSING -

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PERCENTAGE OF DATA VALID - 62

MEAN

						ONTA	OIF	MINIS	TRY	OF	THE	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRANCI	н						
	POLL	JTANT	- NII	ROGE	N DIO	XIDE -	SALTZ	MAN					UI	NITS	PAR	TS PER	HUND	REDMI	LLION						
	STAT	ON -	SIMC	E HO	RTICU	LTURAL	STA	TION	NO	160	01		M	HTMC	FEB	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10		12					17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	1 1 0 2 4 4 4 3 3	2 1 1 0 2 4 4 2 3	1 1 0 1 4 3 2 3	1 1 2 1 1 4 2 2 3	1 1 3 1 1 4 2 2 2 2	1 1 3 1 1 4 1 2 3	1 1 3 1 1 4 0 2 3	2 1 2 2 1 4 1 2 3	2 1 1 3 1 3 0 2	2 1 1 3 1 3 1 0 0 0 0 0 0	2 1 1 2 2 3	60 0 0 0 0 0 0 0	0000	2	2 1 2 1 4 1 1 2 2	2 1 2 1 4 2 0 1 3	1 2 1 4 4 0 1 3	2 3 1 3 1 4 6 1 2 2	2 2 1 3 1 5 6 1 4 2	2 1 3 1 5 4 1 5 2	2 1 2 1 4 4 1 3 2	1 1 3 1 4 4 2 4 2	1 2 1 3 1 4 5 4 3 1	1 ° 2 1 1 2 4 5 5 3 1	2 1 2 1 3 4 2 2
11 12 13 14 15 16 17 18 19	1 3 3 7 4 0 1 4 2	1 3 3 7 4 0 1 2 2 3	2446001004	3 4 4 2 0 1 2 2 4	4 1 5 5 1 0 1 3 2 4	4 1 4 5 1 0 1 4 2 4	3 1 4 3 1 0 0 4 3 4	3 2	5 3		1 3	1 1 4 1 0 1 3 2 2	0 1 3 2 2	0 1 3 2 2	1 1 3 3 0 1 2 2 3	1 1 2 2 3	1 1 2 3 1 1 1 2 2 2	1 1 2 4 1 1 2 2 2 2 3	1 1 3 4 1 1 5 3 1	1 1 4 4 1 1 3 2 1 2	2 5 4 1 1 3 3 1	2 1 6 4 1 1 2 2 1	2 1 6 4 1 1 2 2 1 1 1	2 6 3 1 2 4 2 1	2 1 4 4 2 0 2 3 2 3
21 22 23 24 25 26 27 28	1 1 4 5 1 2 9 5	1 1 3 3 1 2 9 5	1 1 2 3 1 2 8 6	1 1 2 3 1 6 6 7	1 0 2 4 1 4 2 7	1 1 2 5 0 3 2 7	1 0 2 4 0 2 2 7	1 1 2 4 2 3 2 7	1 2 2 2 3 2		2 2 2 2 3 2 2 3 2	1 2 1 2 6 2	1 1 1 2 4 2	1 1 1 4 2 2	1 1 0 2 . 4 1	1 0 1 2 5 1 3	2 1 4 0 3 5 2 3	2 4 0 2 7 2 4	22602524	1 2 5 0 1 3 2	0 2 3 0 1 3 2	1 2 2 1 1 2 2 4	1 3 3 1 1 2 3 3	1 4 3 1 1 6 4 3	1 1 3 2 1 4 3 5
MEAN	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	3	2

UNITS - PARTS PER HUNDREDMILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH MAR 73 HOUR DAY 1 2 3 4 5 6 7 8 9 2 3 9 10 11 12 24 MEAN 6 3 2 1 3 3 0.0 12 13 14 15 16 17 18 19 20 1 0 1 1 0 1 4 1 0 1 2 ō Ó 1 0000 22 23 24 25 26 27 28 29 30 3 3 2 - DATA MISSING -

PERCENTAGE OF DATA VALID -

  2 1

   MEAN

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

						ONT	ARIO	MINIS	STRY	OF	THE	ENVIR	ONMEN	T - AI	B MA	NAGEM	ENT E	BRANCI	H						
	POLI	LUTANT	r - N	ITROG	EN DI	OXIDE	-SALT	ZMAN					U	NITS -	PART	TS PER	HUNDF	REDMI	LLION						
	STA	TION .	SIM	COE H	ORTIC	ULTUR	AL ST	ATION	N	160	0 1		М	ONTH A	PR	73									
HOUR DAY	1	2	3	.4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24 ME	AN
1 2 3 4 5 6 7 8				0.0.0			20000				operation of the		DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG -	\$100 dist.	1	1	1	2	2	2	2	3 ***	
10	2	2	2	2	2	2	2	2	2	2	moving &	1	1	3	2	2	1	1	1	1	1	1	.1	1	2
11 12 13 14 15 16 17 18 19 20	1 3 1 2 4 3 1 2 3 2	1 3 1 2 3 3 1 3 1 2	1 2 1 2 8 2 1 3 1 2	1 2 0 2 7 2 0 2 1 1	1 2 1 2 5 2 0 2 1 1	1212530211	1 2 1 3 4 4 3 1 2 1 1	1 2 1 3 3 3 3 1 4 2 2	1 2 1 2 3 3 3 1 4 4 4 2	1 2 1 2 4 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 2 3	1 2 1 2 5 3 3 2 3	1 1 1 2 4 2 2 2 2 2 2	1 1 2 2 2 3 2 2 2	1 1 2 3 1 3 3 2 1	1 2 4 1 3 3 2 2 1	0 1 1 2 6 2 3 3 1 1	1 0 1 2 5 1 3 3 1 2	1 0 1 2 5 1 2 3 1 1	1014602411	401157113413	3 0 0 5 5 0 4 3 1 3	3 0 1 3 5 0 4 3 1 2	2013403412	1 1 1 3 5 2 2 3 2 2
21 22 23 24 25 26 27 28 29 30	2 1 0 1 1 2 1 0 1 2	2001131012	2 1 1 1 0 5 1 0 1	3 1 0 1 5 1 0 1	3110131001	2 1 0 0 1 2 1 0 0 1	1 1 0 1 1 2 0 1 2	1 1 2 1 1 1 1 0 1	1 1 2 1 1 2 1 0 1 2	0 0 0 1 0 0 0 1 0 0 0 0 0 0 0 0		2 1 1 0 1 0 0 0 0 1 2	1 1 0 0 1 0 0 0 1 1 1 1	101010011	1 1 1 0 1 0 0 0 1 2	1 1 0 1 1 0 1 1 1 3	1 1 0 1 1 0 1 1 2	1 0 1 1 0 1 1 2	0 0 1 0 0 0 0 0 0 2 2	0020000021	000210001021	0 1 1 0 1 1 0 2 1	0 1 1 1 1 2 0 1 2	0 0 1 2 1 0 1 2 1	1 1 1 0 1 1 1 0 1 2
MEAN	2	2	2	2	1	1	4	2	2	2	2	2	1	1	1	2	1	1	1	1	2	2	2	2	4

	POLLU	TANT	- NITR	OGEN	DIOXID	DE - SA	LTZM	AN					UN	IITS -	PART	S PER	HUNDE	REDMI	LION						
	STATI	ON -	SIMCOE	HOR	TICULTU	JRAL	STAT	ION	N	1600	01		MO	NTH N	MAY	73									
HOUR DAY 1 2 3 4 5 6 7 8 9	1 1 0 1 0 1 1 1 1 1 0 0	2 1 1 0 0 1 1 1 1 0 0	3 1 0 0 0 0 0 1 1 0 1 1 0 0	4 1 0 0 0 0 0 1 0 1 1 0	5 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 1 1 0 0 0 0 0 1 2 1	7 1 0 0 0 0 1 1 1 1	8 2 1 1 0 0 0 1 2 1 1	9 2 1 1 0 0 2 2 1 1 2	10	11 **** 1 0 1 1 1 2 **** 2	12 2 1 1 0 1 1 1 1 1 1 1 1 1	13	14 3 1 2 0 1 1 2 1 0 2	15	16 2 1 1 0 1 1 2 2 2 *****3	17	18	19	20	21	22	23 1 0 1 0 0 4 1 1 0 0	24 M	1 1 1 0 0 2 1 1 1
11 12 13 14 15 16 17 18 19	0 2 0 0 1 1 0 1 3 1	0 1 0 0 1 1 0 1 3 2	0 0 0 1 2 0 1 2 2	0 1 0 0 0 2 0 0 1 3	1 0 0 0 0 2 1 0 1 5	1 0 0 0 0 0 2 1 1 1 8	0 * 0 0 1 0 3 2 1 1 6	1	0 1 0 0 1 2	0 0 0 0 0 1 1 2 4	0 1 0 1 1 3 1 1 2 3	0 1 0 1 1 2 1 1 2	0 1 0 1 1 1 2 1	0 1 1 1 1 1 1 1 1 1	0 1 1 1 1 1 1 1 1 1	0 1 0 2 1 1 1 1 1 1 1 1	0 1 0 2 1 1 1 1 1	0 0 0 1 1 1 1 1 2 2	1 0 1 1 1 1 1 3 2	1 0 1 2 1 0 1 2 2 2	2 0 1 1 1 0 1 2 2 2 2	1 0 1 1 0 1 2 2 2 2	1 0 1 1 1 0 1 2 1 2	2 0 1 1 0 0 1 2 1	0 1 0 1 1 1 1 2 3
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PERCENTAGE OF DATA VALID - 94

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	POLLU	TANT	- NITE	ROGEN	DIOX	IDE - S	ALTZM	AN					U	NITS	- PAR	TS PEF	HUND	REDMI	LLION	1					
	STATI	ON -	SIMCO	HOR	TICUL	TURAL	STAT	ION	N	0 1600	1		м	ONTH	JUN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 0 0 0 0 0 1 1 1 2	1 1 0 0 0 0 1 1	0 0 0 0 1 0 2	0 0 1 0 0 1 0 1	0 0 1 0 0 1 0 2 1 1	0 0 1 0 0 1 0 2 1 1	1 1 1 1 1 1 1 2 1 1 1	1 2 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	111111111111111111111111111111111111111	2 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 1 1 1 1 1 1 1 1	1 2 1 0 1 1 1 1 2	1 2 1 0 0 1 1 1 2	2 1 0 0 0 0 1 1 1 1 1 1	1 1 0 0 0 0 1 1 1 1 1 1	1 1 0 0 0 0 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17 18 19	0	0	0	0	1	1	1			* * * * * * * * * * * * * * * * * * *	1	8 9 9 8	DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING -		1.00.0	1			1	1	0	0	1
21 22 23 24 25 26 27 28 29													DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING -										
MEAN	1	1	4	1	1	1	1	1	0000	0.0.00	1	1	1	1	4	1	1	7	1	1	1	1	3	1	4

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24 - HOUR MAXIMUM	MAXIMUM READING
JAN	22	2	3	6
FEB	28	2	5	9
MAR	30	2	5	9
APR	22	PT.	5	8
MAY	31	T	3	8
JUN	1/2	1	1	2
YEAR	145	2	5	9

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN STATION - SIMCOE HORTICULTURAL STATION NO 16001 00 TO 01 02 TO 03 04 TO 06 07 TO 10 11 TO 13 14 TO 20 21 &OVER JAN FEB MAR APR O MAY 

FREQUENCY DISTRIBUTION BY PERCENTILES

JUN

YEAR

PERCENT CONCENTRATIONS PERCENT VALID MIN 10 30 50 70 90 95 98 99 MAX MEAN 72 0 0 2 0 5 0 9 1 5 2 9 3 7 4 7 5 6 9 1.6

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN STATION - 1/2 ML W HWYS 6/2 JARVIS NO 22032 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN DATA MISSING . . . 2 0 1 0 \* 0 1 1 1 0 0 1 2 DATA MISSING 0 .... 

PERCENTAGE OF DATA VALID -

MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
	POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION																								
	STATION - 1/2 ML W HWYS 6/2 JARVIS NO 22032											MONTH FEB 73													
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 2 0 0 1 1 1 1 3	1 1 0 0 1 1 1 2 5	2 1 0 0 1 1 1 1 1 6	1 1 1 0 1 1 1 2 6	1 1 1 0 0 1 1 1 2 5	2 1 2 1 0 1 1 1 2	2 1 1 0 1 0 2 4	2 1 1 1 1 1 0 4 5	2 1 0 1 0 1 0 4 4	2 0 0 1 1 1 0 3 3 3	1 0 1 0 1 1 0 3 2	1 0 1 0 1 0 0 2 2	2 1 1 0 1 0 0 1 2	2 0 1 0 1 0 0 1 2	2 1 1 0 1 0 0 1 2	2 1 1 0 1 0 0 1 2	1 1 0 1 1 1 1 2	2011011011	1 0 1 1 1 1 3	1 0 1 0 3 3 3	1 0 1 0 1 1 6 2	1 1 2 0 1 1 7 3	1 0 1 0 1 1 7 3	1 1 1 1 1 2 4 3	1 1 0 1 1 3 3 3
11 12 13 14 15 16 17 18 19	20000	20000	2 0 0 0 1 3	1 0 0 0 1 4	1 0 0 0 0 4	000000000000000000000000000000000000000	0 0 0 0 0 1 4	0 0 0 0 1 0 4	00000	0 0 0 0 1 0 2	1 0 0 1 0		DATA DATA 0 0 0 1	MISSI MISSI 0 0 1	NG - NG - 0 0 1	0 0 0 0 1 1 2 2	2 1 0 0 0 1 2	2 2 0 0 1 1 1 2	2 2 0 1 1 1 2	2 0 0 1 1 1	2 0 0 1 1 1	2 0 0 1 1 0 0	2 0 0 0 1 0 0	1 0 0 0 1 1	****
21 22 23 24 25 26 27 28	0 0 2	0 0 2	1 0 2	1 0 1	1 0 1	1 0 1	0 0 1	1 0 1	1 0 1	1 0 1	0 0 1	-	DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -	1 0	1 0	1 1 0 0 0	1 1	0 1	0 1	0 1	0 1	0 1	
			242	79.1		191		118	100	19	0.40	190	19	1.00	295		200	200	24		200				

UNITS - PARTS PER HUNDREDMILLION

STATION - 1/2 ML W HWYS 6/2 JARVIS NO 22032 MONTH MAR HOUR DAY 12345678990 112345678990 222245678990 222245678990 24 MEAN 5 2 3 1 0 0 2 1 2 0 1 1 0 1 1 1 0 1 1 2 1 0 0 DATA MISSING ò 1 3 Ó Ó ò ó ò ò ò 0 2 2 2 0 0 DATA MISSING DATA MISSING O 0 0 0 0 1 1 1 1 10 - 00 0 0 1 1 2 1 0 1 2 1 MEAN

PERCENTAGE OF DATA VALID -

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																									
	POLLUTANT - NITROGEN DIOXIDE SALTZMAN												UNITS - PARTS PER HUNDREDMILLION												
	STAT	STATION - 1/2 ML W HWYS 6/2 JARVIS NO 22032										MONTH APR 73													
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
	0	0 0 0 0 1	1 0 1 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0	0 0 0	0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 2 2 0 0 0 0 0 1 1	0.000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	0 0 0	000000000000000000000000000000000000000	1 0 0	0 0 0 0	1 0 0 0 0 0 1 0 1 0	0	1 0 0 1 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 0 3 0 2 0 1 1	1 1 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 2 0 0 1 0	1 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 2 5 * * * 1 0	1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0
11 12 13 14 15 16 17 18 19	1 1 0 1 1 1 0 0 0 1 1 1	1 1 0 0 1 1	0 1 0 0 0 0 1	01000001	010110011100111111111111111111111111111	0 1 0 0 0 1 1 1 1	0 1 0 0 0 1 0 0 1 1	0 1 0 0 0 0 0 0 0 1 1	0 1 0 0 1 0 0 1 1	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	010001000	0 1 0 1 1 0 0 0 0 1	1 0 0 1 1 0 0 0 0 1	1 1 0 0 0 0 1 1	0001000011	1000100101	10001001	000000000000000000000000000000000000000	1001200001	1 0 0 0 0 0 1	1 0 0 1 1 0 0 1 1 3	1 0 0 1 1 0 0 1 0 0 2	10001100112	1 0 0 1 1 0 0 0 1 1	1 1 0 0 0 0 1 1
21 22 23 24 25 26 27 28 29 30	1 0 0	2 0 0	0	0	0 0	1 0 0	1 0 0	1 0 1	0	1 0 0	1 0 0			0 0 MISSI		000	0	0	0	0	0 0 0	0	000	0 0 0	1 0 0
	1	****	0	0	0	0	0	0	0	3000	* (C 10 10) (B) (C 00)	* 4	0 DATA DATA	MISSI 0 MISSI MISSI MISSI	0 0 NG - NG -	0	0	0	0	0	1	1 0	1 0	1	0
MEAN	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3-	1	0	0

UNITS - PARTS PER HUNDREDMILLION

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1 1 1

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STATION - 1/2 ML W HWYS 6/2 JARVIS NO 22032 MONTH MAY 73 HOUR DAY 1 2 3 4 5 6 7 8 9 7 9 10 16 2 3 4 5 6 1.1 13 14 15 17 18 19 20 21 22 23 24 MEAN 8 12 DATA MISSING DATA MISSING DATA MISSING 0001 0 0 1 0 0 1 1021000 1021 1 0 2 1 1 1031000 0 0 0 0 0 1 001 0 0 1 0 1 1 1 000 0 0 2 1 001200 0 0 0 2 000000 0 0 1 1 0 1 0 001 0 0 1 1 0 1 1 1 000 0 00 0 0 0 0 0 0 0 0 000 ò 0 0 1 111213 1415 1617 1819 20 21223 2425 267 229 30 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 1 1 1 001 0 0 1 1 0011 0 0 1 1 0 0 1 001 0 0 1 1 0 0 1 1 001 0011 0 0 1 1 0011 0 0 1 0 0 1 1 1011 0 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 0 0 0 0 00 DATA MISSING 31 - DATA MISSING -

1 1

1

1 1

PERCENTAGE OF DATA VALID - 39

MEAN

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 1/2 ML W HWYS 6/2 JARVIS NO 22032

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	9	1	1	2
FEB	21	1	3	7
MAR	27	1.	3	5
APR	25	0	1	5
MAY	13	Ť.	Ť.	3
YEAR	95	1	3	7

		ONTA	ARIO MINISTE	RY OF THE	ENVIRONMEN	r - AIR MANAG	SEMENT BR	ANCH		
MONTHLY GI	ROUP FREQU	ENCY CLASS	SIFICATION FO	OR 73						
POLLUTANT	- NITROGE	N DIOXIDE	SALTZMAN		UNI	F - PARTS PER	HUNDREDMI	LLION		
STATION -	1/2 ML W	HWYS 6/2.	JARVIS	NO 22032						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20 2	1 &OVER	TOTAL		
JAN	116	16	0	0	0	0	0	132		
FEB	344	64	19	2	0	0	0	429		
MAR	490	92	3	0	0	0	0	585		
APR	497	1.4	1	0	0	0	0	512		
MAY	284	1.0	0	0	0	0	0	294		
YEAR	1731	196	23	2	0	0	0	1952		
FREQUENCY	DISTRIBUT	ION BY PER	RCENTILES							
	PERCENT			5550115	CONCENTRA					ADTTIL
	OF DATA VALID	MIN	10	FREQUE 30 50	NCY DISTRIBU 70	JTION, PERCENT 90 95	98	99	MAX	ARITH MEAN
	53	0	0.1	0 3 0 6	0 8	1 2 1 . 8	2.6	3.4	7	0.8

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN STATION - BARTON/WENTWORTH HAM. DAMST NO 29025 9 10 11 12 13 3 2 1 1 3 2 4 · · · · 1 2 1 2 4 DATA MISSING 5 9 9 9 9 4 5 8 8 6 6 8 6 7 4 2 2 8 5 8 3 10 10 3 10 7 9 7 14 8 4 5 7 6 8 10 7 4 8 6 8 8 5 7 6 3 5 8 6 5 5 4 3 5 8 4 5 8 7 2 5 8 4 6 10 6 2 10 5 8 5 4 5 7 6 0000 3 0000 1 0000 4 0000 4 0000 - DATA MISSING -

 PERCENTAGE OF DATA VALID -

MEAN

 

						ONT	ARIO	MINI	STRY	OF 1	THE E	NVIR													
	POLL	UTANT	- N	TROG	EN DI	XIDE	-SAL	TZMAN					UN	VITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ION -	BAR	TON/W	ENTWO	HTF	AM (	DAMST	N	2902	25		M	ONTH F	EB	73									
HOUR DAY	1	2	3	4	5	6	- 5	7 8	9	10	11	12	13	14 MISSI	15 NG -	16	17	18	19	20	21	22	23	24 M	IEAN
1 2 3 4 5 6 7 8 9	3 2 2 3 6 4 4 3	2 2 2 3 5 3 4 3	1 2 2 3 5 2 4 3	1 2 2 3 5 2 4 3	1 2 2 4 5 1 5 3	1 3 2 4 4 1 5	000	4 4 4 2 5	1 6 3 4 4 2 5 3	1 4 2 2 4 4 4 3	1 3 3 4 4 1 4 2	1 3 3 4	1 3 3 4 1 2	1 2 3 5	8 2 2 3 5 3 1 2	8 3 3 3 5 3 1 2 1	7 4 3 4 5 4 1 3	6 3 4 5 4 1 3 2	6 3 4 4 6 5 2 4 2	5 2 4 4 5 5 2 4 1	4 2 4 3 5 5 3 4 2	4 2 3 3 5 5 4 4 2	3 2 3 5 5 4 3 1	332355531	23345242
11 12 13 14 15 16 17 18 19	23595 23755	3 5 1 2 2 7 5 3	2 3 5 12 2 1 2 6 4	3 3 5 1 1 2 1 2 6 4	3 6 10 2 1 3 6 4 5	2 4 7 9 2 1 5 6 4 5		4 7 9 2 3 5 4	2 4 8 8 3 2 4 5 4	1 4 7 7 2 2 2 3 4 6	7 5 3 2 2 4 4 6	1 5 6 5 3 2 2 4 4 6	24 65 12 34 46	2365224445	2385235456	2 3 8 6 3 3 6 5 5 7	2396436556	2 3 1 6 4 4 7 6 5 6	2 3 9 6 4 4 7 7 5 6	2496367756	3 4 10 5 2 6 7 7 5 6	4 11 5 3 6 7 6 5 5	4 6 11 6 3 6 7 6 5 3	3 6 10 5 3 4 7 6 5 3	2 4 8 7 3 3 5 5 5 5 5 5
21 22 23 24 25 26 27 28	3 7 6 4 9 5 7	527 4 5 8 6 6	5 1 7 4 5 5 5 6	5 1 7 4 4 2 3 6	5 3 7 4 4 2 3 6	5 7 4 4 2 3		* 4 * 7 * 7 * 5 * 4	5 5 7 7 5 4 5 7	5 4 7 4 4 4 7	5 4 5 2 4 3 3 7	5 5 5 5 2 5 3 3 6	6 4 4 2 5 2 6	5 4 3 2 4 3 2 6	55314325	3 3 1 4 3 3 6	7 5 3 0 4 4 3	7 6 5 3 4 4 4	5 6 4 4 5 3	4 6 7 4 4 5 3	6 8 4 4 3	6 8 3 4 4 6 9	6 8 3 6 5 6	2 6 7 4 8 5 6	5 4 6 3 5 4 4 8

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - BARTON/WENTWORTH HAM. CAMST NO 29025 MONTH MAR 24 MEAN HOUR DAY 6 7 9 10 4 \*\*\*\* 8 \*\*\* 5 \*\*\* 7 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 \*\*\* 5 8 4 7 5 5 5 4 4 4 2 3 4 5 6 7 8 9 10 11 5 5 7 7 5 4 4 4 4 5 4 . . . . . 3 7 3 7 12 13 14 15 16 17 18 . 6 6 8 6 5 7 5 5 7 7 2 3 \*\*\* 6 0 7 9 11 8 9 11 8 2 9 8 9 1 2 8 3 8 9 22 23 24 25 26 27 28 9 9 10 9 10 10 10 10 10 5 9 9 1 1 7 2 1 0 9 9 7 1065 4 10 6 3 7 9 10 7 3 8 10 5 2 8 3 8 6 5 8 7 7 4 . . . . . MEAN 

PERCENTAGE OF DATA VALID - 92

						ONT	ARIO	MINIS	TRY	OF T	HE E	NVIRON	MENT	- AIF	R MAI	NAGEMI	ENT E	BRANCH	4						
	POLL	UTANT	- NI	TROGEN	DIO	XIDE	SALTZ	MAN					UNI	TS -	PART	S PER	HUND	REDMI	LION						
	STAT	ION -	BARTI	ON/WEN	ITWOR	тн нт	AM OA	MST	NO	2902	15		MON	ITH AF	PR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	111	12	13	14	15	16	17	18	19	20	21	22	23	24 N	<b>MEAN</b>
1 2 3 4 5 6 7 8 9	6768546856	7 6 6 7 3 4 8 8 5 6	6 4 5 7 2 3 8 6 6 6	6 4 4 7 2 3 6 5 6 6	6548224553	6 4 4 8 2 2 2 2 6 4 2		6 6 6 7 3 4 3 5 5 5	67783654 54	6 * * * * * * * * * * * * * * * * * * *	5 7 7 3 6 4 3 4	6566364342	6576354243	6586345243	6587346454	7 5 10 7 4 5 8 4 4	7 6 10 7 4 7 8 4 5 4	7 6 1 1 6 5 7 8 5 6 4	6 6 11 4 5 7 8 3 5 4	6 7 10 3 7 8 9 2 5 5	6 7 8 3 8 8 9 3 4 2	4784888252	6 8 4 7 8 7 2 4	6 5 8 5 6 6 8 3 4	6 7 6 4 5 6 4 5 4
11 12 13 14 15 16 17 18 19	1 6 6 5 6 8 0 5 10	2 3 5 5 6 4 0 3 0 1 1	2 1 5 5 6 5 0 3 8 1	NN55660N89	2455650569	27556205*8	2	7 2 5 4 4 2 6 9 7	4 5 2 5 3 4 1 7	3 3 1 4 3 **** 6	2 2 2 4 3 4 3 7 8 5	2 1 2 3 4 4 7 9 5	2 1 2 3 4 2 3 7 10	2 1 2 4 2 3 8	2 1 2 3 4 2 3 8 0 8	2 1 1 3 4 2 4 12 10	22243 443 130 10	3 2 2 4 4 4 5 13 10	3 2 3 4 6 2 5 10 11	4 2 3 5 8 1 5 10 7	6 2 3 6 7 1 6 1 1 1 1 5	7 3 3 7 6 1 7 13 2 7	7 4 3 7 7 1 6 10 7	7 6 5 5 8 0 5 10 7 12	3335533898
21 22 23 24 25 26 27 28 29 30	11 4 2 5 8 12 14 2 6	9 4 2 4 7 10 12 5 7	10 2 1 3 7 8 12 5 7	8 3 2 3 5 3 5 3 1 0 4 5 1 1	80000000000	3	0000 0000 0000 4 0000 0000 0000 0000	12 1 6 4 6 5 9 4 2	12 1 6 3 7 6 10 3 11	12 26 37 8 10 32 11	8	12 2 5 5 6 2 2	1 2 3 4 4 6 8 9 2 1 9	5 2 3 4 6 8 9 3 1 7	3 1 3 5 8 9 8 3 1 9	4 0 3 5 7 8 0 5 1 9	4 1 6 4 7 10 10 5 3	4 1 6 4 9 10 11 6 4	4 1 6 4 10 11 10 5 5	2 6 7 8 13 7 6 9	4 2 6 8 9 13 5 7 11	3468 113392 10	3 4 6 8 12 13 3 7 13	5 4 5 8 11 14 3 6 13	7 2 4 5 8 9 9 4 5 1
MEAN	7	6	5	5	5	4	5	5	5	5	5	5	5	4	5	5	6	6	6	6	6	7	6	7	6

	POLL	UTANT	- N	TROGE	N DIC	XIDE-S	SALTZ	MAN					UN	NITS .	PART	S PEF	R HUND	REDMI	LLION	ı					
	STAT	ION -	BART	ON/WE	NTWOF	RTH HAN	M. OA	MST	N	0 290	25		MC	NTH A	YAN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1.5	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	14 15 3 7 2 6 10 10 3 2	14 13 25 4 6 10 92 1	13 4 2 5 3 7 10 8 2 1	13 4 25 3 7 10 7 2 1	13 4 25 35 10 83 2	5 6 4 5 9 9		11 10 8 9 3 5 12 10 6	11 10 6 9 3 7 15 12 5	9 6 2 5 10 4 4	8 6 2 3 10	11 9 7 2 3 8 11 3 5	13 8 7 2 2 8 12 3	12 7 8 1 3 9 12 3 5	13 7 9 1 3 9 11 4	14 7 10 4 1 2 8 11 5 7	14 7 10 4 1 8 11 5 7	15 7 10 5 2 4 8 11 4 5	15 10 10 52 5 10 11 56	15 10 11 5 4 6 11 11 8 3	15 10 9 5 7 6 12 9 6 7	1598566934 10	15 86 27 10 54 39	15 7 8 4 6 8 9 4 2	14 8 7 5 3 5 10 9 4 5
11 12 13 14 15 16 17 18 19	9 6 3 7 2 4 2 7	7 5 3 3 5 1 4 2 7	6 4 3 2 5 5 2 4 3 7	3 3 1 2 4 3 4 3 6	2 2 1 2 5 4 5 4 6 10	1 6 5 5 5 5 6		4 1 6 5 6 5 5 7	4 1 4 4 5 4 6 7	4 1 1 4 3 5 4 7 9	4 4 1 3 7 5 2 4 7	3 4 2 7 8 5 2 3 7	3 4 1 7 9 5 3 4 5 8	3 3 2 6 9 4 4 5 5 9	3 4 2 6 7 4 4 4 5 9	4 4 2 8 6 5 5 5 5 5 7	4 3 2 9 6 6 4 5 5	5329554569	5 2 2 7 5 5 5 6 10	7 3 3 8 5 4 6 6 11	8 3 4 8 6 3 4 7 13 6	6 2 4 9 7 3 5 6 1 4 5	7 3 4 9 6 3 3 6 1 2 5	7 3 3 9 5 3 7 12	5326644589
21 22 23 24 25 26 27 28 29 30	5 4 6 7 4 6 6 9	6 2 6 9 7 7 5 *****	5 3 7 6 7 5 5	3 2 7 6 7 5 5 5	3 6 7 6 8 5 5 1 2	7 ° 7 ° 6 ° 8 ° 6 ° 4 ° ° 2 ° °		3 7 8 7 10 4 6	10 6 7 5	4 6 10 6 9 5 	1 6 10 6 11 6	1 5 11 6 9 6 6 3 5	1 5 10 6 8 6 	0 6 9 6 9 7 **** 10 3	0 7 12 7 8 7  14 4 5	1 7 15 8 7 6 • • • • • 9 4	1 8 12 8 5 8 8 4 4 6	2 4 14 5 5 10 ****	4 4 13 5 8 10 * * * * 5 2 6	6 13 5 13 **** 6 2 6	6 7 12 5 13 8 ****	6 10 6 12 8 **** 8 4 6	6 6 9 6 9 8 8 9 4 6	5 7 7 5 9 7 6 4 5	3 6 10 6 8 7
31	5	6	4	2	3	4 .	000	5	5	4	0000	0.400	0.0.0	4	4	5	5	5	5	5	5	5	4	4	4
MEAN	6	6	5	4	5	5 *	0 0 0	6	6	5	6	6	6	6	6	6	7	6	7	7	7	7	6	6	6

PERCENTAGE OF DATA VALID - 89

						ONT	ARIO	MIN	ISTRY	OF	THE	ENVIR	NMENT	- AI	R MA	NAGEM	ENT	BRANCI	4						
	POLL	JTANT	- NI	TROGEN	DIO	XIDE	- SAL	TZMAN					UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STAT	ON -	BARTO	ON/WEN	TWOR	тн н	AM	OAMST	1	NO 29	025		MO	NTH J	UN	73									
HOUR DAY	1	2	3	4	5	6		7	8	9 1	0 11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	<b>AEAN</b>
1 2 3 4 5 6 7 8 9	4 8 9 3 3 3 4	2789222224	1 7 8 9 1 1 2 1 2 4	2 7 8 8 1 1 2 2 1	2585213213	3 5 7 3 4 3 4 4		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 ! 7 ! 5 *** 4 .		4 4 7 6 6 7 3 3 4 4 4 4 4 3 3 2 2 2	7 4 4 4 4 4 3	46853454 23	4 6 9 4 3 4 5 4 2 3	5 6 7 4 3 4 5 4 3 3	5 6 8 4 4 6 6 4 2 3	4 7 9 5 4 7 4 5 2 3	3 8 9 5 3 6 4 5 2 3	4 9 8 4 5 5 4 5 2 4	8985555635	8 9 8 6 4 4 5 5 4	8 9 8 5 4 5 5 4 6 3	9 8 9 7 4 5 7 4 4 2	8896346444	5785344 433
11 12 13 14 15 16 17 18 19	2 3 5 6 7 7 5 5 7 8	2215772277	2 2 2 4 6 7 2 4 7 6	2 1 2 3 5 7 3 6 7	2 2 3 4 4 6 4 3 6 7	2 4 4 5 6 6 3 2 6 7	000	5	7 6 5 8 7 3 4 7			3 1 2 8 7 5 4 8	3 2 2 1 8 4 4 6 8 5	2 3 2 7 6 4 8 6 5	3 4 1 2 8 9 5 8 7 6	4 4 3 2 7 7 5 8 10 7	4 4 2 1 7 6 6 9 9 6	3 4 2 1 8 8 6 9 8 3	4 4 2 1 7 7 6 8 8 4	4 4 3 3 8 5 7 8 7 5	4 7 6 6 8 8 8 5	4 4 7 8 7 6 7 8 6 6	5 7 7 8 7 5 8 8 6 6	4 7 6 8 7 3 8 7 9 5	3 4 7 6 5 6 7 6
21 22 23 24 25 26 27 28 29 30	4 9 10 5 10 10 4 6 3 9	3 6 1 5 8 9 4 3 1 9	3 10 2 8 9 5 1 2 9	3 6 2 7 9 2 1 1 8	5 4 2 6 8 2 2 1 7	7 6 2 6 8 5 3 3		0 0 0 0 1	9 6 3 7	) 1:	4 15 5 5 4 3	6 3 3 6 6	7 6 3 4 8 6 6 4 4	6 7 4 1 8 5 5 3 4	664 1865 634	7 6 4 1 10 7 6 7 5	7 5 5 2 1 1 8 7 8 5 4	6563766655	77774667455	9995687575	9 14 11 7 8 4 7 6 8 5	11 12 11 10 10 7 6 8 4	14 11 10 11 10 9 10 6 8	15 9 10 11 11 11 8 4 6 8 5	7 7 7 4 8 8 5 5 4 6
MEAN	6	5		4	4	5				S 1				6			_	_	-		7	7	7	7	

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - BARTON/WENTWORTH HAM. OAMST NO 29025 MONTH JUL 73 HOUR DAY 6 7 24 MEAN 3 \*\*\*\* 6 2 3 4 5 6 7 8 9 7 \*\*\*\* 5 10 6 \*\*\* 4 \*\*\* 5 \*\*\* 1 \*\*\* 4 \*\*\* 4 \*\*\* 4 \*\*\* 2 0000 4 0000 2 0000 4 0000 4 0000 5 0000 5 0000 6 0000 6 12 13 14 15 16 17 18 19 20 13688 11 1 4 8 4 6 3 4 17 5 16 5 15 22 23 24 25 26 27 28 29 30 3 4 12 7 6 4 4 6 8 8 5 7 7 6 . . . . MISSING MISSING DATA DATA 4 . . . . . 5 5 2 0000 MEAN 

PERCENTAGE OF DATA VALID - 86

						ONT	ARIO	MINI	STRY	OF 7	THE E	NVIR	ONMEN	T - AIF	R MA	NAGEN	ENT	BRANC	Н						
	POLLU	TANT	- N]	TROGE	N DIC	XIDE	SALT	ZMAN					U	NITS -	PART	S PER	HUNE	REDMI	LLION						
	STATI	ON -	BART	ON/WE	NTWOF	TH H	AM C	AMST	N	2902	25		M	ONTH AL	JG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	5 4 2 3 4 1 2 1 1	4523412001	2 4 1 2 4 1 0 1 1 1	4 3 1 2 2 1 0 1 1	1	4	9000	5 3 2 2 2 4	5 4 3 2 2 2 2 4 1 3	5 3 1 2 2 2 2 3 1 3	5 3 1 2 2 2 2 3 1 3	4 3 2 2 2 2 2 2 2 1 3	4 3 2 1 1 2 2 1 1 3	4 3 1 1 1 2 3 2 1 3	4 3 1 1 2 3 2 1 3	4 2 3 1 1 2 3 2 1 4	4 3 3 1 0 2 2 1 1 4	5321011113	5 3 1 1 1 1 2 2 1 4	6333233226	4 4 4 3 4 3 2 3 6	5443343236	6 4 3 3 3 4 2 1 2 6	5 3 3 4 2 3 1 1 1 6	4 3 2 2 2 2 2 2 2 2 2 3
11 12 13 14 15 16 17 18 19 20	5 4 3 4 4 3 4 5 3 2	4 3 2 4 3 3 3 5 3 2	3224333522	30050033430	2124234322	3034033300		1 4 3 1 2 2 2	4 1 2 5 1 3 2 2 1 2	4 1 1 4 1 3 3 3 3 2 2	4 1 1 4 2 2 1 2 1 2	3 1 2 5 2 2 1 2	2 1 2 4 2 2 1 1 1 1 1 1	3 1 5 3 2 2 1	3 1 3 5 3 2 3 2 1 *****************************	2 1 6 5 3 2 4 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 6 5 3 2 4 2 1	3 1 4 5 2 2 3 2 1	4 1 4 6 2 2 3 2 1	3 2 4 6 3 3 2 2 2 1	4 5 4 6 4 3 3 2	4 4 5 5 4 3 4 3 2	4 5 4 4 3 3 4 3 2	4 4 4 3 4 5 3 2	3 2 3 5 3 3 3 3 2 2
21 22 23 24 25 26 27 28 29 30	+ 2 6 9 4 1 5 2	1 4 1	0 0 0 0 1 3 1	0 0 0 0 1 3 1	1 3 1	2 4 3	5 7 0 0	0000	2 3 2	0 2 3 2	0 1 2 2	1 1 2 2	DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN 1 2 2 3	IG - IG - IG -	2 3 3 3 3	2 4 3 4	2 3 3 3 3	2 4 3 4	2 5 2 4	2 6 2 5	2 6 3 4	2 6 2 3	1 6 2 3	3333
31	2	1	1	2	3	5	4	0000	2	2	2	2	2	2	2	3	3	3	4	4	4	3	4	3	3
MEAN	3	3	2	2	2	3	4	3	3	2	2	2	2	2	2	3	3	2	3	3	4	4	3	3	3

	POLL	UTANT	- N	TROG	EN DI	OXIDE -	SALT	ZMAN					UN	NITS -	PART	TS PEF	HUND	REDMI	LLION	ļ					
	STAT	ION -	BART	TON/W	ENTWO	RTH HA	M . O	AMST	N	2902	25		MC	ONTH S	SEP	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 2 2 4 1 2 2 0 1	2 1 2 4 1 2 2 0 *	2 1 1 2 2 1 2 2 0 0	1 1 2 2 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 2 2 2 2 1 1 0	2 2 1 0	2 1 2 3 3 2 2 	4 1 2 • • • • • 5 3 2 1 0	3 1 2 4 2 2 0	2 1 2 3 2 2 1 1 0	2 1 2 3 2 1 0 0	2 1 1 2 3 2 1 	2 1 2 3 2 1 0 0	2 1 3 3 2 1 0 0 2	1 1 3 4 2 1 0 0 3	3113522003	3123312002	2123422002	1235523102	2238424112	3239324001	3 3 6 2 3 4 0 ****	3 3 5 3 3 3 3 3 0 1	3224233001	2 1 2 2 1 0 0
11 12 13 14 15 16 17 18 19	1 3 1 2 5 2 2 2 3	1 2 1 2 5 2 2 2 2 2	0 2 1 1 1 2 2 2 2 2	0 1 1 1 1 1 1 2 2 2 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000	4 4 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 1 1 1 1 1 1 1 1 2 2 2 2 2 2 2	3 0 0 0 0 1 0 0 0 0 0 0 0 0 1 1 2 0 0 0 0	2 0 1 0 1 1 1 2 0	3 2 1 1 1 1 2 0	2 2 1 1 2 2 0 0	2 1 1 1 2 2 0	2 1 2 2 2 0	2 1 2 1 2 2 1 1 1 2 0	2 1 2 2 3 	2 1 1 1 2 2 2 2 3 0	2 1 1 2 2 3 3 3 2	3 1 3 3 1 2 4 4	3 1 1 3 3 1 2 4 4	3 1 1 3 2 2 3 4	31232	3 1 2 4 2 2 2 4 0	2 2 1 2 •••• •••• 2 3 1
21 22 23 24 25 26 27 28 29 30	0 2 3 4 3 4 4 3	0 2 3 3 4 4 4 4 2	0 2 3 4 3 4 4 2	2 2 2 	2 2 2 0 0 0 0 0 0 0 4 3 4 4 2	2 * • • • 4 3 4 3		1 2	1 2	0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 3 3 2 2	0 1 0 1 0 3 2 2 2	1 1 0 3 2 2 2 2	1 1 0 3 2 2 2 2	1 1 2 1 3 2 2 2	2 1 1 2 2 3 2 3 2	2 2 1 1 2 2 4 3 2 2	2 3 1 1 2 3 3 3 3 2 2	2 3 1 1 3 4 4 4 4 2 2	2 3 1 1 3 3 3 4 2 2	2 3 1 1 3 3 4 4 2 2	2321334432	2 3 3 3 3 4 4 3 3	2 3  4 3 4 4 3 3	2 2 • • • • • • • • • • • • • • • • • •
MEAN	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2	2	3	2	3	3	2	2

PERCENTAGE OF DATA VALID - 83

						ONTA	ARIO	MINI	STRY	OF 1	HE E	NVIR	NMEN.	r - A1	R MA	ANAGEN	MENT	BRANG	ЭН						
	POLI	UTAN	T - N	ITROG	EN DI	OXIDE -	SALT.	ZMAN					U	NITS -	PART	TS PER	R HUNI	DREDMI	ILLION	N					
	STAT	TION	BAR	TON/W	ENTWO	RTH HA	AM O	AMST	NO	2902	25		MC	ONTH C	СТ	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	2 3 3	2 3 3	3 3 3	3 2 3	3 2 3	2 2 3	0000	2	2	3 1	4 1	5 1	5 1	5 1	5 2	4 2 	4 2 	4 2 0 0 0 0	4 2				3	33	3 2
5 6 7 8 9	1 3 4 3 5	1 3 4 3 5	1 2 4 3 5	1 2 3 4 5	1 2 3 3 5	1 3 3 5	1 3 3 5	1 0000 0000 0000	1 2 2 2 3	3 2 2 3	1 2 2 2 3	1 2 2 2 3	1 2 2 3 4	1 3 3 5	3 3 3 5	1 3 3 3 5	2 3 3 5	3 3 4	0 3 4 3 5	3 4 3 4 5	3 4 3 5 6	3 4 3 5 6	3 4 3 5 7	3 4 3 5 7	2 3 3 3 5
10	6	6	5	5	5	5	.5	0000	0000	3	5	5	6	6	7	6	6	5	5	5	5	5	4	4	5
11 12 13 14 15 16 17 18 19	4 3 2 1 2 2 1 1 3 4	3 3 1 2 1 1 1 1 2 3	3320210123	3 1 0 2 1 0 1 2 3	3 1 0 2 1 0 1 3 3	3 2 1 0 2 1 1 0 3 3	3 1 0 2 2 1 2 3 3	* * * * * * * * * * * * * * * * * * *	1 0 3 1 1 2 4 3	1 3 1 1 2 1 1 2 5 3	1 3 1 1 2 1 0 1 2 2	2 3 1 1 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 3 2 1 2 1 0 1 2 2	2 1 2 1 2 1 0 1 2 2	2 2 1 2 1 0 1 3 2	3 4 2 1 1 1 4 2 2	3 4 2 1 2 1 1 1 1 4 2	3 2 1 2 1 1 1 5 2	3 1 1 3 1 1 2 4 2	3 1 2 3 1 1 3 4 2	4 2 1 3 3 1 1 3 3 1	4 2 1 3 2 2 1 3 3 2 2 1 3 3 2 2	3 2 2 1 3 3 2 2	3213222342	3 1 1 2 1 1 2 3 2
21 22 23 24 25 26 27 28 29 30	1 1 3 4 3 1 1 2 2	2 1 1 2 3 3 1 1 1 2 3	3 1 1 1 2 2 1 1 1 2 3	4 1 1 1 2 2 1 1 2 4	3 1 1 1 2 2 1 1 2 3	3 1 2 1 2 3 1 1 1 1 3	4 2 2 3 3 1 1 1 3	4 2 2 4 3 3 1 1 1 1 3	4 2 1 6 4 **** 1 2 2 3	3 2 4 4 • • • • • 1 2 2 3	2 4 2 5 3 * * * * * * * * * * * * * * * * * * *	3 2 2 2 3 3	2 1 5 2 2 1	1 2 4 2 2 2 2 0	1 3 1 2 4 2 2 2 2 1	1 4 2 4 5 2 2 1 2 0	1 4 3 4 5 2 3 1 2 0	2 3 3 4 4 2 3 2 3 3 2 3	2 2 3 5 4 2 3 2 3 3	1 3 2 4 4 2 4 2 3	1 4 1 4 2 2 2 2 3	1 4 2 4 3 2 2 2 2 3	1 3 3 4 4 2 2 2 2 3	1 3 4 4 3 2 2 2 2 3	2223422222
31	0000	9 9 0 9		0.00		***	0000	0.000	0.000	0 6 5 6		1	2	1	1	1	1	1	2	1	1	1	0	0	
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - BARTON/WENTWORTH HAM OAMST NO 29025 MONTH NOV 24 MEAN 0 2 1 1 0 2 3 4 4 3 . . . . 

PERCENTAGE OF DATA VALID - 97

MEAN

						ONTAR	M 01	INIST	RY	OF TH	E E	NVIRON	IMENT	- AIF	R MA	NAGEM	ENT	BRANC	н						
	POLLU	TANT	- N	TROGE	V DIO	XIDE-SA	ALTZM	AN					UNI	TS -	PART	S PER	HUND	REDMI	LLION	Į.					
	STATI	ON -	BART	ON WE	NTWOR	тн нам	OAM:	ST	NO	29025			MON	TH DE	EC	73									
HOUR	4	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
12 3 4 5 6 7 8 9 10	1393423965	1363413888	1 3 7 3 3 1 2 4 5 0	2382421495	1262312406	1 3 4 3 4 1 2 4 10 3	2	5	1 3 6 6 6 4 7 4 6	1 3 5 10 7 6 10 6	1 3 3 4 1 5 5 7 4 2	1 3 4 5 9 4 7 5 4 2	0 3 3 7 4 5 9 5 3	1 4 3 2 6 4 6 9 4 3	1552346562	1560459955	1582458664	1 6 8 2 4 6 7 4 6 4	1 7 6 3 4 6 9 6 6 7	1 7 4 3 3 4 6 6 6 6 4	1 7 6 3 3 4 5 7 5	3 8 5 3 2 4 1 0 6 6 6	2 7 4 3 2 4 4 4 3 4	2842248865	15535466655
11 12 13 14 15 16 17 18 19 20	534NN3N363	3 3 6 1 1 2 1 3 6 4	3 4 7 1 2 2 1 4 6 4	3 4 5 1 1 2 1 3 6 4	4 1 1 4 8 3	4 3 7 1 2 1 5 6 3	6 1 2 2 1 6	4 2 2 2 3 5 3	5452223604	3 6 1 3 2 3 4 5	5425222 44	3342341453	2 4 6 2 3 3 1 3 5 3	34533322333	3352444533	345343354	4 5 3 4 3 4 5 4 5	4 5 6 3 3 3 7 7	4 666333 2761	6 5 5 2 4 3 7 7	4 4 6 1 3 3 7 5	3 4 3 2 3 3 3 7 4	5 4 2 2 2 3 3 3 3 1 0 4 1	5 4 2 1 3 3 4 8 4 1	4452332553
21 22 23 24 25 26 27 28 29	2 4 3 2 5 3 4	2 4 3 2 6 2 4 5 2	2433623052	243352342	1 4 3 2 5 2 4 4	2 6 2 3	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 6 4 5 6 4 4 	264464343	5 4 4 6 4 3 3	5358443332	2435624332	2 3 3 5 1 4 3 4 2	1 4 3 1 5 3 4 3 4 2	1422535343	2523535454	3533546554	35336365554	352354 554 554	4 4 2 3 3 4 • • • • 5 5	4 4 3 3 3 3 3 5 5	3 3 4 3 4 5 5 2	3 3 2 5 3 4 4 2 5	5 4 3 4 3 4 4 2 5	2 4 3 3 5 3 4 4 4 3
3.1	5	5	4	5	5	5	4	5	5	3	4	1	1			s esqu	er rog	<ul> <li>ecresse</li> </ul>	g to so	nin egi	0.0.0.9	0000	0.11.0.0	* 0.0.0	0000
MEAN	4	4	4	3	3	3	3	4	4	4	4	4	3	3	4	4	4	5	5	4	4	4	4	4	4

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - BARTON/WENTWORTH HAM. DAMST NO 29025

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	5	9	19
FEB	27	4	8	12
MAR	31	5	9	12
APR	3C	6	11	1.4
MAY	31	6	14	15
JUN	3C	5	8	15
JUL	29	5	8	17
AUG	25	3	5	6
SEP	30	2	3	9
ост	31	.2	5	7
NOV	30	2	4	5
DEC	31	4	6	1.4
YEAR	347	4	14	19

		ONTARIO	MINISTR	Y OF THE	ENVIRONMENT	- AIR MANAG	EMENT BRA	ANCH		
MONTHLY GE	ROUP FREQUE	NCY CLASSIFI	CATION FOR	R 73						
POLLUTANT	- NITROGEN	DIOXIDE - SAL	TZMAN		UNIT	- PARTS PER	HUNDREDMIL	LION		
STATION -	BARTON/WEN	TWORTH HAM.	OAMST	NO 29025						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20 2	1 &OVER	TOTAL		
JAN	34	119	188	95	5	12	0	453		
FEB	43	195	288	64	10	O	0	600		
MAR	22	145	321	191	11	0	0	690		
APR	38	149	269	174	48	3	0	681		
MAY	29	118	277	183	44	18	0	669		
JUN	25	146	295	202	10	5	0	683		
JUL	29	203	282	115	10	4	0	643		
AUG	126	284	140	0	0	0	0	550		
SEP	216	319	61	2	0	o	0	598		
ост	195	354	116	3	0	0	0	668		
NOV	239	388	73	0	0	0	0	700		
DEC	60	265	301	53	ĩ	Ĭ	0	681		
YEAR	1056	2685	2611	1082	139	43	0	7616		
FREQUENCY	DISTRIBUTIO	ON BY PERCEN	TILES							
	PERCENT OF DATA VALID	MIN	10 3	FREQUE		IONS ION, PERCENT 90 95	98	99	MAX	ARITH MEAN
	86	0	0 7 1	.9 3.1	4 6	7.2 8.7	10.4	11.7	19	4.1

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH JAN HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 12 13 14 15 16 17 18 19 2 2 1 2 2 1 3 2 2 1 22 23 24 25 26 27 28 29 30 DATA MISSING - DATA MISSING -MEAN 

PERCENTAGE OF DATA VALID - 64

						ONTA	ARIO	MINIS	TRY	OF 1	THE E	ENVIR	ONMEN	T - AI	R M.	ANAGE	MENT	BRANC	H						
	POLL	UTANT	- NI	TROGE	N DI	XIDE -	SALTZ	MAN					U	NITS -	PAR	TS PE	R HUNE	REDMI	LLION						
	STAT	ION -	PHAR	RMACY	AND 4	101 TO	PONTO	)	NO	3300	) 2		M	ONTH F	EB	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 3 2 2 4 3 3 5 5	1 2 2 1 4 3 2 4 4 4	1 1 4 3 2 3 3	1 1 3 3 2 4 3	1 ± n : 1 1 1 1 2 3 1 4 3	1 1 1 2 2 3 1 4 3	2 1 1 2 3 3 2 5 3	2 1 1 3 3 3 3 5 5 3	2 1 1 3 3 3 3 5 3	322333353	2 2 2 2 3 3 2 3 5 4	2 2 2 3 3 5 3	3 2 2 2 3 3 3 4 3	3 2 2 2 3 3 3 4 4	2 4 3 2 2 3 3 3 3 4	2 5 3 1 2 3 3 3 4	5 3 3 3 3 3	35373354 5	3 5 2 2 3 3 4 5 4 4	2 5 2 2 4 4 4 5 4 3	2 4 3 2 4 4 3 5 4 3 5	2 3 2 2 4 3 3 5 4 3	2 3 2 2 4 3 3 5 4 3	2 3 2 2 4 4 3 5 5 5 3	322333343
11 12 13 14 15 16 17 18 19	4 4 9 4 3 3 3	5 4 4 8 3 2 3	4 3 4 7 3 1 3	3338312	3338311	33483311	3 4 3 6 4 2 2	3556533	3 4 5 6 5 3 3 3	3 4 4 5 5 5 3 2	3 4 4 5 5 5 3 2	160	1 2 5 3 4 3 1 DATA DATA	2 2 5 4 4 3 1 MISSI MISSI	NG -	2 2 3 4 3 1	11		3 8 4 3 3 3	4 5 8 4 3 3 3 ***	4 4 8 5 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 5 3 3	5 4 10 5 3 3 ****	5 4 10 5 3 3 3	3 3 6 5 4 3 2
21 22 23 24 25 26 27 28	1 1 4 5 4 3 3 5	2 1 4 4 4 3 3 4	2 1 3 4 4 3 2 4	113333324	1 1 3 3 3 2 3 3	1 1 3 3 3 3 3 4	1 2 3 4 3 3 4 5	23443445	23443445	2 3 4 4 3 4 4 6	1 3 4 4 3 4 3 7	1 3 4 4 2 4 2 10	1 4 4 4 1 4 2 5	1 4 4 3 2 4 2 5	1 4 4 3 1 5 2 5	1 4 3 2 5 7	24533527	2 4 5 4 3 5 3 6	3 4 5 4 3 4 4 7	3 4 5 4 3 4 4 7	8 4 6 4 3 4 5 6	2 4 6 4 4 4 4 5 6	2 4 6 3 4 3 4 6	2 4 5 3 3 4 4 5	23443436
MEAN	4	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	Α	A	4	4	4	4		d	3

	POLL	UTANT	- N	ITROG	N DIC	XIDE	SALT	ZMAN					U	NITS -	PAR	TS PE	R HUN	DREDMI	LLION	1					
	STAT	ION -	PHAI	RMACY	AND 4	101 T	DRONT	)	NC	3300	02		М	ONTH M	AR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9	7 5 3 5 4 2 3 5 4 3	7 62 5 4 1 3 5 4 2	7 7 2 6 4 1 2 5 4 1	5 7 3 7 3 1 3 5 4	6636423441	5625323531	4 6 3 6 3 3 5 3 1	4 6 3 6 3 4 4 5 3 2	4635233533	26 34 33 35 24	3 6 3 4 3 4 3 5 1	5 4 4 2 3 3 4 1 3	4 5 4 5 2 3 4 4 1 3	5645234315	5 6 5 6 1 3 5 3 2 4	5 5 6 2 3 5 3 4	5 5 6 2 5 	6 4 6 6 2 6 5 5 5 5	5 4 5 5 2 6 5 4 3 5	5465255444	5 4 5 5 5 5 5 5 5 4 3 4	6 4 4 5 1 4 5 4 4 3	7 4 5 5 1 4 5 3 4 3	5 4 4 4 2 4 5 4 3 4	5 4 5 2 3 4 4 3 3
11 12 13 14 15 16 17 18 19	4 3 4 3 2 1 1	4 4 3 3 2 1 1 4	3 4 3 	3 4 3 2 2 0 1 2	3 3 3  2 1 0 1 2	2 2 3 **** 2 1 0 1 2	3 2 4 **** 3 2 0 2 3	2 3 5 	2 3 5 3 3 0 4	2 3 5 **** 3 3 1 4 4	2 2 4 ***** 4 2 1 4 4	2 4 * * * * 3 2 2 2 3 5	3 2 4 DATA 3 2 4 5	3 2 3 3 MISSI 4 3 2 4 5	3 3 4 NG - 3 3 2 4 5	3 3 4 4 3 2 4 5	3 3 5 4 3 2 4 5	3 3 4 4 2 2 4 5	3 3 0 0 4 3 2 2 4 5	3 4 • • • • • 4 3 1 2 4 5	3 4 **** 3 3 1 2 4 5	3 4 3 2 1 2 4 4	3 4 **** 3 2 1 2 4 4	3 2 1 2 4 4	3 4 **** 3 2 1 3 4
21 22 23 24 25 26 27 28 29 30	4 3 4 4 6 5 5	4 3 3 4 6 4 5	423452.5	4 2 3 4 5 1	3 2 2 4 4 1 1 3 3	4 2 2 3 4 2 4 4	4 3 3 3 4 3	4 4 3 5 5 3	4 4 4 5 5 5 2	3 4 4 6 6 4	3 4 4 4 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-	DATA	4 5 4	NG -	4 4 5 5 4  5	4 5 6 5 3 	4 5 5 6 4 * * * * 2 5	55565* 35	545655 *** 44	4 4 5 6 5 5 4	44 45 66 55 66 66 66	4 4 5 7 5  6	4 4 4 7 7 5 5 5	4 4 4 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6

PERCENTAGE OF DATA VALID - 78

						ONT	ARIO	MINI	STRY	OF 1	THE E	NVIR	ONMEN	T - AI	R M	ANAGEN	MENT	BRANG	ЭН						
	POL	LUTAN	T - N	ITROG	EN DI	OXIDE	- SALT	ZMAN					U	NITS -	PAR	TS PEF	R HUND	DREDMI	LLION	1					
	STA	TION	- PHA	RMACY	AND	401 T	ORONT	0	NO	3300	02		M	ONTH A	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	4 5 2 4 5 4	4 5 2 3 4 4	3 4 1 3 4 3 4	3 4 1 2 3 3 4	3 5 1 2 3 2 3	3 5 1 3 3 2 4	4 4 1 3 3 2 5	4 4 4 2 3 4 2 5	4 4 2 4 4 3 3	5 3 4 4 3 3	3 4 4 3 3 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4	5 4 3 3 3 4 2	DATA 44 43 55 24 11	MISSI 5 4 4 5 2 4	NG - 3 4 3 5 2 4 2	3 2 5 4 6 3 5 3 3	3644645333	3 7 4 4 6 3 4 3	3 7 3 4 5 3 5	3 6 3 4 5 4	4 6 3 4 5 5 5 4	4 6 3 4 5 5 5 4	4 6 3 4 5 4 4	4 6 3 4 5 4	5 4 3 4 4 4 3
11 12 13	3 4 4	3 4 4	3 4 3	3 3 4	3 4 3	4 5 3	4 5 4	5 5 4	5 5 4	5 5 4	5 4 4	5 4 4	5 4 4	5 4 5	5 4 5	5 5 5	5 5 5	5 5 4	5 4 5	4 4 5	4 4 5	4 4 5	4 4	5 4 5	4
15 16 17 18 19 20	1 6 5 2	2 6 4 3	* * * * * 2 5 4 2	2 6 4 2	2 6 4 2	2 6 3 2	**** 3 6 3 2	2 7 3 1	2 7 3 1	2 7 3	* * * ° ° 2 9 3 1	2 6 5 0	DATA 2 4	MISSI 2 3 0	NG - 2 3	2 2 7 0	3 2 6 1	5 3 5 6 2	3 4 6 5	3 5 5 6	3 6 5 8	3 6 6 8	3 6 6 7	2 6 6 3 2	3 5 5
21 22 23 24	2	2	3	2	2			0000	0000				DATA DATA	MISSI MISSI	NG - NG -		* * * *	****		••••		****	••••	****	••••
25 26 27 28 29 30	4 5 6 3 3 4	4 6 3 4	3 5 2 4 4	4 3 5 2 4 5	4 3 4 2 3 4	4 3 3 2 2 4	4 4 5 2 3 4	4 5 5 3 3	3 6 4 3 3	2 6 4 3 3	1 3 5 4 4 2	1 2 5 4 4 2	2 5 3 4 3	2 2 5 4 4	2 2 4 4 5 4	3 2 4 4 5 4	3 2 4 5 5	3 2 4 4 5 5	4 2 4 4 5 4	534454	6 6 3 4 5 3	6 7 3 4 5 3	6 7 3 4 5 2	6 7 3 4 2	4 4 4 3 4
MEAN	4	4	3	3	3	3	4	4	4	4	4	3	3	3	3	4	4	4	4	4	5	5	4	4	4

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH MAY HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 5 4 2 3 4 4 3 4 1 1 1 3 3 3 3 MEAN 

PERCENTAGE OF DATA VALID

						ONT	ARIO	MINI	STRY	OF T	THE E	NVIR	ONMEN	T - A	IR MA	ANAGE	MENT	BRANC	CH						
	POLI	UTAN	T - N	ITROG	EN DI	OXIDE	-SALT	ZMAN					U	NITS	- PAR	TS PE	R HUNI	DREDMI	ILLION						
	STAT	TION	- PHA	RMACY	AND	401 T	ORONT	)	N	3300	)2		M	ONTH	JUN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	3 3 3 1 2 3 2 3	2 3 3 3 2 0 2 2 2 3	2332201223	2 2 2 1 1 0 1 1 1 3	2 2 2 2 1 0 2 1 1 3	3332212222	5323322322	5313322322	51 13322351	4 1 4 2 2 2 3 4 1	3 1 0 2 1 2 2 1 3 3	3 1 0 2 1 2 2 0 4 2	4 1 3 1 1 0 5 1	5 1 1 3 1 1 2 1 5 1	5 1 1 1 2 1 1 2 4 1	5 1 0 2 1 1 1 2 4 1	6 2 1 3 1 2 1 2 4	5 3 1 3 1 3 2 1 4 2	5313232342	5 2 1 4 3 3 3 2 3 5 4	4 32 4 33 24 4 4 4	4323225235	4 3 3 3 1 3 5 2 3 4	4332134334	4223222222
1 1 1 2 1 3 1 4 1 5 1 6 1 7 1 8 1 9 2 0	4 3 5 3 4 3 2 1 3 2	5343333223	3 4 3 3 3 3 3 3 2 1 3	4 3 3 3 2 2 3 2 1 3	334333333333	46533333432	5653332543	66533331433	66633341423	46 24 1 3 2 4	3 5 4 1 5 1 4 1 3	2 3 4 5 1 6 0 4 1 3	5 4 4 1 6 1 3	1	4 3 5 1 6 1	3545241223	6 5 4 4 3 3 1 2 2 3	5534322224	4534331224	2 6 3 4 2 3 1 2 3 3	3 5 3 4 2 3 1 2 2 4	2 5 3 4 2 3 1 2 1 6	2533231326	3533331425	4544242323
21 223 24 25 26 27 28	6 4 4 1 1 2 3	5 4 1 1 2 2	5 3 4 1 1 2 2	5 3 5 1 1 1 3	5 4 4 1 1 2 3	5 3 5 2 1 2 3	5 4 5 2 1 2 3	6 8 2 0 2 3	7 8 6 1 0 1 3	6 9 18 1 0 2 2	6 7 8 1 0 2 2	5 4 4 0 1 2 2	5 4 3 1 1 2 2 DATA	4 3 2 1 2 2 3 MISS	3 3 2 1 2 2	3 3 1 1 1 2	3 5 1 1 2 1	3 6 1 1 2 2	5 6 1 1 2 2	7 6 1 1 2 2	7 5 1 1 2 1	5 4 1 1 2 1	5 5 1 1 2 2	5 4 1 1 2 2	5 4 1 1 2
29 30	****** <b>4</b>	4	3	3 0 0 0	6 n n n 4	5	5	6	5	3	2	2	****	1	2 2	2	2 2	3	3	3	3	4	4	4	3
MEAN	3	3	2	2	3	3	3	3	3	4	3	2	3	_	2	2	3	3	3	3	3	3	3	3	3

						UNIA	HIU	WINTS	SIHT	OF	IHE E	ENVIH	ONMEN	I - AIH	M	ANAGEN	ENI	BHANC	Н							
	POLL	UTANT	- NI	TROGE	N DIO	KIDE -	SALTZ	MAN					U	NITS -	PAR'	TS PER	HUNE	REDMI	ILLION	4						
	STAT	ION -	PHAF	RMACY	AND 4	01 TO	RONTO	)	NO	330	02		M	ONTH JU	L	73										
HOUR DAY	1	2	3	4	5	6	7	8	9	10 5	11 4	12	13	14	15	16 3	17	18	19 2	20	21 3	22	23	24	MEAN	
23456789	5 3 4 5 4 8 4 8	5 3 4 5 5 8 4 6	4 3 4 4 4 8 3 5	3 3 4 4 4 7 3 5	3 3 4 4 4 5 4	3 4 4 5 4 6 4 6	46555646	4 8 5 4 5 6 4 5	3 8 6 3 5 5 4 5	3 8 4 3 6 5 4 5	3 7 2 4 5 5 4 6	37 24 4 4 4 6	3 7 1 4 5 4 5 6	558157456	34 8 2 5 6 4 4 6	3 8 5 5 4 4 6	3 8 5 5 4 6 7	3 3 8 5 6 4 5 6	3 5 7 5 4 4 7	4 7 7 5 6 4 5 6	3 5 6 5 6 5 6 5 6 5 6 5	5 6 5 8 4 6 4	55 55 57 47 4	3 5 6 5 8 4 7 4	346555556	
10	4	4	4	4	4	5	5	5	5	7	7	š	6	6	7	6	6	6	6	6	5	5	5	5	5	
11 12 13 14 15 16 17 18 19 20	432633345	4 3 1 4 3 2 4 5	4 3 1 4 3 2 3 4	3 2 1 3 3 2 4 4	3 3 3 3 4 4	4 3 2 4 3 4 4 5	4 3 3 4 3 4 5 6	4 3 3 3 4 5 7	4 3 3 3 4 5	4 3 2 3 3 3 3	3 2 3 4 2			4 3 3 4 4 1 3 MISSING MISSING		5 3 4 4 4 3 3 3	5 4 4 4 4 3 3 3	4 4 4 4 3 3 4	4 3 3 4 4 3 4	4 3 3 4 4 4 5	3 2 4 3 3 4 4	3 5 3 3 3 4	3 3 3 4 5	4 3 5 3 4 5	4 3 3 4 3 3 4	
21 22 23 24 25 26 27 28 29 30	2 5 4 2 3 3 3	2 3 3 2 3 2 3	3 2 3 3 2 2 2 2	3 2 3 3 2 1 2	3 2 3 2 2 1	4 4 3 3 2 1	4 4 4 4 2 1 3	3 4 4 3 2 1 3	2	1 2 0 0 0 0 2 2 2 6	1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100		MISSING MISSING 1 2 2 3 2 3 3 1		1 3 3 3 3 3 2 4 2	1 2 3 3 3 2 4 2	22334422	23333322	33233432	32223442	42323342	4 4 3 2 2 4 3 2	3 4 4 2 2 3 3	************************	
31	1	2	3	2	2	2	3	3	4	3	4	4	3	0.000	4	4	6	6	3	4	3	3	5	4	3	
MEAN	4	4	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	

PERCENTAGE OF DATA VALID - 81

						ONTARIO	MINI	STRY	OF	THE I	ENVIR	ONMEN	T - AIR	MA	ANAGEM	ENT	BRANC	н							
	POLLU	TANT	- NI	TROGE	N DIOX	IDE - SAL	TZMAN					U	NITS -	PARI	rs per	HUND	REDMI	LLION							
	STATI	ON -	PHAR	MACY	AND 40	1 TORON	ITO	NO	330	02		м	ONTH AU	G	73										
HOUR	1	2	3	4	5	6	7 8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	43333354454	2223244332	3 2 1 3 2 2 3 3 2 1	3 1 1 3 2 1 3 2 2 1	32232223221	4 2 2 2 2 1 3 2 2 1	4 3 3 2 2 3 3 2 2 1 2 4 6 3 4 3 3 2 3 3	2 3 2 3 3 2 6 5 3 3	1 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 3 1 5 4 2	3 4 4 1 3 3 2	1 4 4 4 2 1 2 2 2 2	3 1 5 3 2 1 2 2 1	1 5 3 1 1 2 2	1 1 4 4 1 1 1 2 2 2 1	1 1 4 4 1 1 3 3 3 3 1	2 1 4 4 1 1 3 3 3 3 3 3 3	3 3 4 4 2 1 4 3 3 4	3544224444	3 3 4 4 2 3 4 4 4 3	43433333343	4333333452	4 3 3 3 4 5 4 5 5 5	3333224332	
11 12 13 14 15 16 17 18 19 20	2 4 2 2	2 3 1 2	3 3 1 1	2 2 1 1	2 1 1 1 1	1 1 1 1	1 1 1 1 2 2 2 2	2 1 2 3	1 2 2 3	1 2 2 1	1 2 2 1 1	DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING	G - G - G -	1 2 1	0 2 1	1 2 1	1 2 1	1 2 3	3 2 4	3 2 4	4 2 2	4 2 2 2	2 2 2 2	
21 22 23 24 25 26 27 28 29 30	5 4	4 4	4 5	* · · · · 2 4	3 2	6 2	, , , , , , , , , , , , , , , , , , ,	8 7	7 7	7 6	6 7 4	DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING 6 5	99999	7 7 6	7 6 8	7 4 9	7 3 9	6 4 8	6 4 8	6 4 6	6 4 5	5 3 6	* * * * 5 6	
31	5	4	3	2	4	5	4 3	4	4	3	3	0.0.0.0	4	3	3	4	4	5	7	7	5	4	4	4	
MEAN	4	3	2	2	2	2	3 3	3	3	3	.3	3	3	3	3	3	3	3	4	4	4	4	4	3	

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN STATION - PHARMACY AND 401 TORONTO NO 33002 MONTH SEP 73 HOUR DAY

1 2 3 4 4 5 6 6 7 8 9 1 0 1 1 1 2 1 3 1 4 1 5 1 6 1 7 7 1 8 9 2 0 15 16 17 18 19 11 12 13 2 7 5 4 3 5 6 5 6 4 4 5 DATA MISSING 3 4 5 5 5 7 3 4 4 3 3 4 4 4 5 3 4 4 4 5 3 4 4 325 \*\*\* 6 3 3 1 0 6 8 6 7 5 6 5 6 5 6 5 6 22 23 24 25 26 27 28 29 30 12 8 3 4 6 5 4 2 1 4 5 3 3 0 4 4 3 3 0 

PERCENTAGE OF DATA VALID -

MEAN

						ONT	ARIO	MINIS	STRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	IENT	BRANC	н						
	POLL	UTANT	- N	ITROGE	N DIC	XIDE	-SALT	ZMAN					UN	ITS -	PART	S PER	HUND	REDMI	LLION	Į.					
	STAT	ION -	PHAR	RMACY	AND 4	101 T	ORONT	)	NO	3300	2		MC	NTH (	OCT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 4 5 6 2 2 2 3 3	1 1 4 5 6 2 2 2 3 3	2 1 4 5 3 2 2 2 3 3	2 1 4 5 2 2 2 2 3 3	2145322233	2 1 4 5 3 3 2 2 3 4	2145432235	2 2 5 5 4 3 2 2 3 6	2266432237	1 1 5 8 4 2 2 2 3 6	1 1 4 2 1 1 3 3	1 1 6 9 4 1 1 2 4 2	2 1 5 4 5 1 2 1 4 1	1 1 6 5 5 1 1 1 3	1 6 5 3 1 2 2 2	1285312312	2286312222	2 3 7 5 3 1 1 2 3 3 3	2 4 7 4 3 2 1 3 3 4	2 4 7 4 3 2 1 3 3 4	3 4 7 3 3 2 2 3 4 3	3464322353	2 4 6 4 3 2 2 3 4 3	2454222332	2265422233
11 12 13 14 15 16 17 18 19 20	1 3 4 3 2 3 2 3 2 2 2	1 3 3 2 1 3 2 3 2 2	1 3 3 3 1 1 3 2 2 2 2 2 2	1 3 2 1 1 2 2 3 2	2 3 2 1 1 3 2 2 3 1	2321233132	2 3 2 1 2 4 3 3 4 2	3 3 2 1 2 4 4 4 4	2 4 2 1 2 3 3 4 4 1	23322333441	2 3 2 2 2 3 3 4 4 1	2 3 2 2 3 3 4 4 4 4 1	2 2 2 4 3 4 4 2	2 3 2 2 3 3 4 3 1	23224333331	3 3 2 2 4 3 3 4 3 1	3 4 2 2 4 3 3 4 3 1	3 4 2 1 4 3 3 4 3 1	3 4 2 2 3 3 3 4 3 1	4 3 2 2 3 3 3 4 3 1	2 4 2 2 3 3 3 3 3 3 1	2522333321	2 4 2 1 4 2 3 3 1 1	3 4 2 1 3 2 2 2 2 1	23223333331
21 22 23 24 25 27 28 29 30	1 1 4 4 4 4 4 2 4 3 3	1 1 3 4 3 4 2 4 4 4	1 2 3 4 3 3 2 4 3 3 4 3 3 2 4 4 3 5	1 2 4 4 2 3 2 3 2 3 2	1 2 4 3 2 3 2 2 2 1	1 2 3 3 3 2 3 2 1	1 2 4 5 3 3 3 2 2	1 3 5 7 4 3 3 3 3	1 3 7 10 4 3 4 3	1 5 9 4 3 3 3 3 3 3 3 3 3	17 11 11 3 3 4 3 4 3 4 3	11 9 3 4 4 3 4	1 6 9 6 2 4 4 4 4 3	1 4 5 5 5 4 4 5 4 4 3	1 4 5 5 5 4 5 4 5 4 5 3	1363545453	1 6 6 4 5 4 5 4 5 4 3	2 6 5 5 6 3 5 4 * * * 2	2 4 5 5 6 3 5 4 **** 2	2 4 5 5 6 3 4 4 *** 2	1 5 5 4 5 3 4 3 8 8 8 8 2	2 6 4 4 5 3 4 3 *****	2 5 4 5 4 3 4 3 3 ****	2 4 5 4 4 2 5 2 5 2 ********************	1 4 6 5 4 3 4 3 3
31	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	1	Ħ	1
MEAN	3	3	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

													OHINEH			MINGE		DITA	011						
	POLL	.UTANT	- N	ITROG	EN DI	OXIDE	-SALT	ZMAN					U	NITS	- PAR	TS PE	R HUNI	DREDM	ILLION	N					
	STAT	ION -	PHAF	RMACY	AND	401 T	ORONT	0	N	0 330	02		м	ONTH	NOV	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	1 1 2 2 2	1 1 2 3 1	1 1 2 3 1	1 1 2 2 2	1 1 1 2 2	1 1 1 1 2	1 1 2 1 3	1 1 2 1 3	1 2 2 2 3	1 2 2 3 3	1 2 2	1 3 2 	1 2 3 3	2 2 3 3 3	2 3 3 3 3	3	2 3 3 3 3	2 2 3 3	2 2 3 3	2 2 3 3	2 2 3 3	1 2 3 3	1 2 3 	1 2 3 3	1 2 2 3 3
6 7 8 9	3 3 3 3	2 3 2 3	1 2 2 3	1 2 2 3	2 2 2 3	2 2 2 3	3 2 3 3	3 2 3 4	3 2 3 4	3 2 3 4	3 2 3 3	3 2 3 4	3 2 3 4	2 3 3 4	6	3 3 4 4	3 4 3 4 4	3 4 3 4 4	3 4 3 4 4	3 3 4 3	3 3 4 3	3 4 2 4 3	3 4 2 4 3	3 4 3 4 3	3 2 3 3
11 12 13 14 15 16 17	3 2 3 1 3	3 2 3 1 3	3 3 3 1 3	3 2 3 1 2	2 3 3 1 2	2 3 3 1 1	1 3 3 2	1 3 3 2	1 3 3 3	1 3 3 2	1 3 3 2	2 3 2 1	DATA	2 2 3 1 **** MISS MISS	ING -	2 3 3 3	33	3 3 3	3 3 3 3	3 3 3 ****	3 3 3 ••••	3 3 3 	2 3 3 3	2 3 2 4	2 3 3 2
19												-	DATA	MISS:	ING -										
21 22 23 24 25 26 27 28 29	2 2 3 2 3 2 4 1 1	223323311	1 2 3 2 2 1 1 2 1 1	1 2 3 2 2 1 1 1 1 1	1 2 3 1 2 1 1 1	1 1 2 1 2 1 1 1 1	1 1 2 1 3 2 1 2 2	1 1 2 1 3 2 1 2 2	1 1 2 1 3 2 2 2 2	12322222	1 22 22 1 22	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 4 2 2 1 	2 4 2 3 1	25 22 22 22 23 3	2 4 2 2 2 2 2 2 3 3	3 2 4 2 3 2 3 1 3 3	3242333123	3 2 4 2 3 2 3 1 2 3	3 2 4 2 3 2 2 2 2 2	3232214122	2 1 3 2 3 2 4 1 2 2	2 1 3 2 3 1 4 1 2 2	1 3 2 2 2 2 1 2 2 2

PERCENTAGE OF DATA VALID - 73

						ONT	ARIO	MINIS	STRY	OF	THE I	ENVIR	ONMEN	T - A	IR M	ANAGEN	MENT	BRANCH	4						
	POLLI	TANT	- NI	TROGE	EN DI	OXIDE	-SALT	ZMAN					U	NITS	- PAR	TS PEF	R HUND	REDMI	LLION						
	STAT	ION -	PHAF	RMACY	AND	401 T	ORONT	0	N	0 330	02		М	ONTH	DEC	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	1 1 2 4	2 3 3 1 0 2 4	2 3 2 1 1 1 3	2 2 3 1 1 1 2	223	2 2 3 1 1 1 2	3 2 3 3 1 1 4 2	3 2 3 2 2 2 4 3	3 1 3 2 2 2 5 3	3 1 3 * * * * * * 2 2 4 3	3 0 3 2 2 4 3	3 0 2 3 1 4 3	3 0 2 * • • • • • • • •	3 2 4 3	3 1 2 3 2	3 1 3 2 3 2 4 2	3 4 2 2 2 4 2	3 4 2 2 2 4 3	3 2 4 2 2 2 4 2	4 2 3 1 2 2 3 2	3 2 2 1 1 2 3	4 3 1 1 2 4	3 3 1 1 3 4 2	3 2 1 1 3 4 2	3 2 3 3 2 2 2 3 3
10	2	2	2	2	3	2	1 2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	3	2
11 12 13 14 15 16 17 18 19	2232222153	2 2 3 1 2 2 1 1 5 3	3 1 4 1 2 2 1 1 5 3	3 1 4 1 1 2 0 1 5 2	2 1 4 1 1 1 1 1 4 2	223311111111111111111111111111111111111	3 2 4 2 1 1 1 3 4 3	3 4 3 2 2 2 2 3 5 3	4343222354	3 3 4 3 2 1 2 3 4 4 4	3233222344	3 2 3 3 2 2 2 2 3 5 4	3233222	3 2 3 3 2 2 2 2 2 5 4	3 2 3 3 2 2 2 2 4 4	3 3 2 3 3 2 5 5 4	3332332554	3333332543	3332332543	3332332543	3332332543	3222222532	2 2 2 2 2 1 6 3 2	222221632	323222343
21 22 23 24 25 26 27 28 29	2 4 3 4 3 3 3 1	2 3 4 3 3 1	2333332	1 3 3 3 2 2 2 * * * 1 3 1	1 3 3 3 2 2 2 	2 3 2 3 3 3 2 0 2 1	2 3 2 3 3 3 2 0 0	3 4 2 4 3 3 3 1 2 0	3 4 2 4 3 3 	3 3 4 3 3 	3 4 3 4 2 3 3 1 2 0	3 4 3 4 2 3 	3 4 3 5 2 4 •••••	3 3 4 3 4 1 2 2	3 3 4 4 3 4 	3 3 4 4 3 5 	3 4 4 4 3 6 1 2 3 2	4 4 4 3 6 1 3 3 3	3 4 4 3 5 1 3 3 3	4 3 4 4 3 3 1 3 3 3 3	4 3 4 4 3 3 1 2 3 3	3443331223	4 3 4 3 2 1 3 1 3	4 4 3 3 3 1 2 1 3	3 3 4 3 3 ,
31	3	3	3	3	3	3	2	3	3	3	3	3		0000	0000	4	5	5	5	5	5	4	4	4	4
MEAN	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	2	9	2	3	2	2	2	2	•

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - PHARMACY AND 401 TORONTO NO 33002

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

VALID

MIN

0 7

1.8

UNITS - PARTS PER HUNDREDMILLION

ARITH MEAN

3.2

MAX

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	2	3	7
FEB	26	3	6	11
MAR	27	4	5	7
APR	26	4	5	9
MAY	31	3	4	8
JUN	29	3	5	18
JUL	27	4	6	8
AUG	18	3	6	9
SEP	29	4	7	12
OCT	31	3	6	11
NOV	25	, 2	3	6
DEC	31	3	4	6
YEAR	322	3	7	18

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNIT - PARTS PER HUNDREDMILLION STATION - PHARMACY AND 401 TORONTO NO 33002 00 TO 01 02 TO 03 04 TO 06 07 TO 10 11 TO 13 14 TO 20 21 &OVER TOTAL JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA

FREQUENCY 50

2.5

3 3

CONCENTRATIONS DISTRIBUTION, 70 90

4 7

5.5

6.6

7.4

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - LAWRENCE/KENNEDY SCARBOROUGH MONTH FEB 14 15 24 MEAN DATA MISSING \*\*\*\* 6 5 5 6 7 7 6 5 7 6 5 7 7 5 7 6 7 6 8 7 8 7 6 6 7 

PERCENTAGE OF DATA VALID - 42

6 5

MEAN

						ONT	ARIO	MINI	STRY	OF	THE	ENVIR	ONMEN	IT - A	IR M	ANAGE	MENT	BRAN	CH						
	POL	LUTAN'	T - N	ITROG	EN DI	OXIDE	- SALT	ZMAN					U	NITS	- PAR	TS PE	R HUN	DREDM	ILLION						
	STA	TION	- LAW	RENCE	KENN	EDY S	CARBO	ROUGH	N	0 330	03			ONTH		73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12					17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	10 11 4 9 6 3 4	10 11 4 9 6 3 3 ****	10 11 3 10 3 3 2 *****	6 12 3 11 3 3 2 7 2	9 9 3 11 2 1 2 7	9 9 3 11 2 1 2 6	7 9 3 11 3 1 3 7 6 2	693 1033 4862	3	8 9 3 7 3 3 9 4 5	89 4 5 3 6 3 9 2 5		8 4 2 2 3 7	2 3 * * * * 7	6	7 8	6 8 7 4 5 7 8 5	12 69 7 37 *** 8 9	12 69 63 8 8 96	11 4 9 6 3 9 * * * 8 6 5	12 6 9 6 3 5 7 4	12 7 8 6 3 4	11 6 8 6 3 4 ****	11 6 8 6 3 5 7 3	9 8 6 8 3 4 ****
11 12 13 14 15 16	3 6 3 5 2	4 6 3 5 2	4 7 2 5 2	3 6 1 5 2	2 5 1 5 2	2 4 1 3 2	2 4 2 3 2	2 4 4 3 3	2 5 5 4 3	2 4 5 3 3	3 4 5 3 3	0000	3 3 4 1 4	4 3 5 1 4 MISS	4 3 5 1 5	3 3 4 2 3	3 3 4 2 3	3 3 6 1 4	3 4 6 1 4	4 4 6 1 3	4 5 6 1 2	4 4 6 1	5 4 5 1	5 4 5 1	3 4 4 3 3
18 19 20	6000			0000	0000	0 0 0 0	0000	9 9 0 0	0000	0 0 0 0	0 × 0 0		DATA	MISS	ING - ING -		6	6	5	5	5	5	5	5	
21 22 23 24 25 26 27 28 29	4237952574	3 1 4 6 8 4 2 6 6 4	3146822652	3 1 3 6 8 1 1 5 4 2	2 1 3 6 5 1 1 5 3 2	2 3 6 2 0 1 4 3 2	2 2 4 5 2 1 3 4 4 3	3 4 6 3 3 4 4 5	3 4 7 2 3 2 2 4 5	2 4 8 1 2 2 1 5 5	2 0 0 0 0 0 0 0 0 0 2 1 1 0 0 0 0 0 0 0	1 2 4	2 2 4 6 2 1 1 1 6 4	2 2 3 6 2 1	1 2 9 2 1 2 3 4	1 2 5 9 2 1 1 2 3	1 3 5 8 2 2 1 2 4	1 36 8 3 2 1 3 5 4	2469532365	3 4 6 10 6 4 5 3 7 5	3360 10636365	2369526544	2 3 6 10 4 2 6 6 5 4	23 60 10 4 3 6 7 6 5	2258423454
31	5	5	5	4	2	1	1	2	3	3		0000	3	4	5	5	7	3	3	3	3	1	4	2	2
MEAN	5	5	5	4	4	3	4	4	4	4	4	2	4	4	4	4	4	5	5	5	5	5	5	5	3

	POLL	UTAN	Γ - N3	TROGI	EN DIO	XIDE	-SALTZ	ZMAN					UI	NITS -	PAR	TS PER	R HUND	DREDMI	LLION	4					
	STAT	ION	LAWF	RENCE	KENNE	DY S	CARBOR	ROUGH	NO	330	03		M	ONTH A	PR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	2 2 5 7 3 5 6 5 4 1	1 2 4 7 2 5 6 3 2 1	1 2 4 7 1 3 4 2 1	1 3 4 7 1 3 3 1 1 3	1 3 4 6 1 4 2 1 2 4	1 3 4 6 1 4 2 1 2 2	1 4 4 3 3 3 4 3 1 2 3	1 4 5 2 3 5 2 1 3 4	2 4 4 2 3 5 3 1 1 1 3	2332351112		000000000000000000000000000000000000000	1 3 5 3 3 5 1 1 1	3 2 5 3 3 6 1 1 1	2 2 7 2 3 3 8 8 8 8 1 2 4 8 8 9 9 9	1 1 9 ***** **** **** * * * * * * * * *	1 1 9 2 4 5 2 3 1	1 2 8 2 4 5 2 4 1	1 2 7 2 4 6 3 5	1 2 7 2 5 6 4 6 1	1 2 7 2 5 7 5 6 1	2 37 22 57 66 1	337367661 ****	1 3 7 3 6 6 6 5 1	1 3 6 4 3 5 3 2
11 12 13 14	6 4 7	6 4 7	6 3 7	6 2 7	6 2 7	7 2 7	7 3 7	6 4 7	5 4 8	5 3 7	4 6	* * * * * * * * * * * * * * * * * * *	2 3 0000 DATA	2 **** MISSI	2 7 5 NG -	1 3 7	1 4 8	1 4 8 ***	1 4 7 ****	1 5 7	2 5 7	5 6 7 ***	5 5 7 * * * *	6 5 7 ***	5 5
16 17 18 19 20	11 8 2	10 8 1	9 7	9 6	9 4	9	9	10	1 2 5	14 5	12	0 0 0 0 0 0 0 0 0 0 0 0	DATA 4 3	MISSI 5 4 4	NG - 6 8 2	6 8 3	7 8 3	9 8 2	8 9 2	9 9 2	10 8 3	10 8 5	10 9 3	10 8 3	9 4
21 22 23 24 25 26 27 28 29	10 28 5 5 3	11 15 3 4 3 5	9 6 1 3 3	**** 5 6 1 2 3 5	5 5 1 1 3 3	5 4 1 1 3 3	* * * * * 5 2 1 2 3	* * * * 7 3 3 2 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	**** 33 4 2	0 W # 0 0 * 0 0 1 3 5 2 1	0000	DATA	MISSI MISSI MISSI **** 1 3 4 2 1	NG -	8 1 0 **** 4 3 2	10 1 3 5 4 3 3	11 1 1 5 4 3 2	9 1 4 4 4 2	12 5 2 5 5 4 3	19 12 55 55 53	16 19 55 4 52	9 20 6 5 4 5 2	10 23 6 5 3 5	**** 8 5 3 4 3 3

PERCENTAGE OF DATA VALID - 65

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION																								
	POLL	UTANT	- NI	rrogen	DIOXI	DE - 8	SALTZM	IAN					U	NITS -	PART	S PER	HUND	REDMI	LLION	l					
	STAT	ION -	LAWRE	ENCE / K	ENNEDY	SCA	ARBORO	UGH	NO	3300	13		M	ONTH MA	Y	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	1854269146	1 7 4 3 2 6 10 2 3 7	1 6 2 2 1 6 8 2 3 7	1532269134	1533169135	1754268248	2865368468	2865457580	2 9 5 5 4 5 5 3 9	28554503811			3635662367	37 45 55 61 35 7	3 7 4 4 6 1 2 6 7	3 8 5 4 5 6 1 3 6 7	4751571478	57 52 57 1 4 77	57 53 58 13 77	4 8 6 3 6 7 1 3 0 8 1 8	57 53 79 12 109	6 7 5 3 7 6 1 2 8 10	7643791298	8 6 4 3 6 9 1 4 7 6	3 7 5 4 4 6 4 3 6 8
11 12 13 14 15 16 17 18 19 20	9 4 4 8 12	10 8 4 3 7 12	8 7 5 2 7	3 5 5 2 7	5 5 2 7 10	7 6 5 4 7	8 6 6 6 7	9 7 6 5 6 5	7 7 5 5 6 2	555	1 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		DATA	MISSIN MISSIN MISSIN 5 6 5 7	1G -	5 6 7 9 6 0	4 6 8 9 6 0	36899	4 8 6 8 7 0	5 6 6 9 3	8 5 5 9 5	9 4 5 9 12 3	8 5 5 9 12 5	9 4 5 8	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 22 23 24 25 26 27 28 29 30	6	4	1	0.	0	1	2	2	2	3	2	8 8 80 80 80 81	DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	1G - 1G - 1G - 1G - 1G -	5	5	\$ 0.00m\$	0 4 4 4	****	10.000	0000	0 * * *	0000	3
31												*	DATA	MISSIN	1G -										
ART ARE		-	-	(2)	i.	P	^	200		-	200	0	- 2	200	20	200			200	7					-

## ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISS	SING	
FEB	13	6	9	12
MAR	28	4	9	12
APR	25	4	9	28
MAY	1.8	5	8	12
YEAR	84	5	9	28

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MANAG	EMENT BR	ANCH		
MONTHLY GR	ROUP FREQUEN	CY CLASSIFI	CATION FOR	73						
POLLUTANT	- NITROGEN	DIOXIDE-SAL	TZMAN		UNIT	- PARTS PER	HUNDREDMI	LLION		
STATION -	LAWRENCE KE	NNEDY SCARB	OROUGH	NO 33003						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20 2	1 &OVER	TOTAL		
JAN		ATA MISSING								
FEB	4	31	145	104	1	0	0	285		
MAR	5.6	197	212	92	15	0	0	572		
APR	84	150	147	77	7	6	2	473		
MAY	39	66	155	109	9	0	0	378		
YEAR	183	444	659	382	32	6	2	1708		
FREQUENCY	DISTRIBUTIO	N BY PERCEN	TILES							
	PERCENT OF DATA			EDEOUEN	CONCENTRAT					ADITA
	VALID	MIN	10 3	FREQUEN 50		ION PERCENT 90 95	98	99	MAX	ARITH MEAN
	5.0	.0	0 0 2	5 4 2	5 6	7 0 0 0	10.4	44. 4	2.0	

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

	STA	TION -	- SCI	ENCE (	CENTRE	DON	MILLS	OAMS	ST N	0 340	02		M	HTMC	MAR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	2 4 4 0 4 2	2 4 4 0 3 3 2 * * * * * 3	2 4 3 0 3	2 4 2 1 3	2 4 2 1 3 6 * 6 * 6	2 4 2 1 3 *** * * 2	2 4 2 2 3 0 * * * *	3 4 3 3 3	2 4 3 3 3 3	0 0 0 0 0 0 0 0 0 0 0 0		2 3	2	3 3 **** 2	ING - 33 3 1 4 **** 2 6	5 4 3 1 3 4 ****	4 4 3 1 4 4 ****	4 4 3 1 5 4 * * * * * 4 6	3 5 4 1 5 4 ****	3 5 4 1 5 4 ****	3 5 4 1 5 3 * * * * 4 6	3 5 4 1 4 3 ****	3 5 4 0 3 2 * * * *	3 5 4 0 3 2 ****	3 4 2 3 3 3 
11 12 13 14 15 16 17 18 19 20	54 1 3 2 3 3 1 0 2	4 5 1 3 2 2 2 1 0	4 5 1 3 2 1 2 1 0	5 4 1 3 2 1 2 0 0	4 4 1 3 2 1 1 0 0	4 3 1 3 3 1 1 0 0	4 3 1 3 3 2 1 0 0 2	3323331012	3 4 2 3 3 3 1 0 1 2			3 3 2 2 4 3 2 0	4 2 2 2 4 3 2 0 1	5 0000 2 4 2 2 1 1	2 3 2 3 1 1	4 2 3 3 2 3 2 1 1 1 1	4233232112	4 2 4 3 3 4 2 1 2 2	5 1 4 2 3 3 1 1 2 2	5 1 4 2 2 3 1 1 1 2 3	5 1 4 2 2 3 1 1 1 2 3	4242221123	4232321023	4 1 3 2 3 2 1 0 2 3	4 3 2 3 3 2 2 1 1 2
21 22 23 24 25 27 28 29 30	3 4 4 7 11 3 4	3 4 7 11 *****	3 4 7 8 **** 6	2 3 4 7 4 **** 5	2 * * * * * * 3 4 7 7 4 * * * * * * 5	3 4 6 3 *****	3 4 5 4 , 3		**** 4 6 5 9 **** 4 ***	0 + 0 0 0 + 0 0 0 + 0 0 0 + 0 0		2 5 4 3	2 9 4 3 *****	2 9 6 3 0 0 0 0 0 0 0 0	2 2 8 6 3 ****	2 2 7 6 3 ****	3 2 7 6 3 3	4 3 7 7 3 4 ****	5 4 8 8 3 4	55 59 10 36 ****	4 5 9 11 3 6 ****	4 5 8 10 3 5	4 4 7 11 3 5 ****	4 7 10 3 5	3 6 7 5 0 0 0 0
31	5	-5	5	4	3	2	2	2	2	3	4 6 6 6	0 0 0 0	4	4	5	4	5	6	6	7	6	5	5	5	4
MEAN	4	3	3	3	3	2	3	3	3	4	0000	3	3	3	3	3	3	4	4	4	4	4	4	4	3

PERCENTAGE OF DATA VALID = 71

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION																								
	POLI	UTANT	- N	TROG	EN DI	OXIDE	SALT	ZMAN					U	NITS - P	ART	S PEF	HUNE	REDMI	LLION	Ĺ					
	STAT	TION -	SCI	ENCE	CENTRE	DON	MILLS	OAMS	T N	3400	)2		M	ONTH APP	1	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4	5 4 5 5	4 4 5 6	4 4 5 6	3 4 4 6	3 4 4 5	3 4 4 6	2 4 4	1 4 4 5 4 8 8	1 4 4 0 0 0 0	1 5 4	2 6 4	2 6 5	0000		8.0	3 4 9 * * * *	3 4 8 ****	3 4 8 ***	3 5 8 ****	3 5 7	3 5 7	3 5 8 ****	3 4 8	4 5 6	4 6
5 6 7 8 9	3 5 3 2	* * * * * 4 4 2 1	4 3 2 2	3 2 2 2	3 2 2 2	2 1 2 3	1 1 2 3	2 1 3 4	2 1 2 3	0 0 0 0 0 0 0 0 0 0 0 0 2 3			DATA 3 1 2 3	MISSING 2 1 1 3	0 2 1 1 3	1 3 1 1 3	0 3 1 1 4	1 4 1 2 4	2 4 2 2 3	3 4 2 2 4	4 5 3 2 3	4 5 3 2 2	4 5 4 2 2	4 5 4 2 2	3 2
11 12 13 14 15 16 17 18 19 20	2 4 4 4 5 6 6 2 6 5 3	1 3 4 5 6 6 1 6 5 2	1 4 2 4 6 5 1 6 5 2	1324551552	1 3 2 4 5 5 1 5 4 2	1 3 2 4 4 5 1 5 4	2 3 2 4 5 5 2 5 5 1	2 4 2 4 6 7 2 7 5	3 4 2 5 6 7 2 10		0 0 0 0 0 0 0 0 0 0 0 0	1 2 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 2 4 4 3 4 4 4 4 1	1 1 4 4 3 4	1 1 1 4 5 4 4 4 4 4	1 2 2 4 5 5 4 * * * * 5 1	1 2 2 4 5 6 4 * * * * 5 1	2 2 4 5 7 4 7 5	2 2 3 5 7 6 5 6 4 1	2 2 3 5 8 5 8 6 6 1	2 3 4 5 8 4 8 6 7 2	3 4 7 7 5 7 6 5 2	4 5 4 8 6 4 7 6 4	4 5 5 6 3 6 3	3 5 6 5 4 6 5
21 22 23 24 25 27 28 29 30	* * * * * * * * * * * * * * * * * * *	0 0 0 0 0 0 0 0 5 4 2 3	**** 4 *** 2	*****	**** **** 3 .*** 2 2	* * * * * 3 * * * * 2 3	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5	5 • • • • • • • • • • • • • • • • • • •	**************************************	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	¥	DATA	MISSING MISSING MISSING MISSING ************************************		* * * * 5 5 1 1 3	3 4 5 4 1 4	4 6 5 2 1 5	5 6 5 2 1 4	5 7 5 2 1 4	56 4 2 2 5	4 5 3 3 4 5	4 6 2 4 4	4 7 3 4 4 3	4 2 2

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002 HOUR DAY 1234567899 10 11234567899 11234567899 1123224567899 122224567899 24 MEAN 3 \*\*\*\* \*\*\*\* 6 \*\*\*\* 4 \*\*\*\* 2 3 \*\*\*\* 1 3 4 5 . . . . 5 5 5 5 5 - DATA MISSING - DATA - DATA MISSING 4 4 3 - DATA MISSING -

PERCENTAGE OF DATA VALID - 50

MEAN

						ONT	ARIO	MINIS	TRY	OF	THE I	ENVIR	ONMEN	T - A	IR M	ANAGE	MENT	BRAN	СН						
	POLI	LUTAN	T - N	ITROG	EN DI	DXIDE	- SALT	ZMAN					U	NITS	PAR	TS PER	R HUNI	DREDM	ILLIO	N					
	STA	TION	- SCIE	ENCE	CENTRE	DON	MILLS	OAMS	T NO	340	02		м	ONTH	JUN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3	4	4	4	3	3	3	4	4	2 3	0.000		9 0 0 0 2 9 0 0 0	2 2	. 2	2 2	2 2 0 0 0 0	2 2	3 3	4 3	3 4	4 5	4 5 ****	4 5	4	3
4 5 6	4 5	4	4	4	4	3 2	3 2	4		6	6	6	0.000 0.000 0.000	3	3	5 3 3	6 3 4	4 5 4	4 6 4	4 5 5	5 4 5	5 5 5	5 6 5	5 6 5	4
8	2	3	0 0 0 0	0 0 0 0	3	2	2	n 10 10 7		6	6	11 (0075-00) 21 (0075-00)	5	g*e_, 4	3	2	2	2	3	3	3	3	3	1	3
10	3	2	2	3	2 3	2	2 3	3	3	3	4.00	3	1	1	1	1	1	0	1	1 2	1 2	3	3 3	2 3	2
11 12 13 14 15 16 17 18 19	4	4	3	.3	3	4	5	6	6	2	* - * *	**	DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -	n ⇒ e e		0000	0000	0000	0 0 0 0	2008			
21 22 23 24 25 26 27 28 29 30												**	DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -										
MEAN	4	3	3	3	า	3	2	a	Δ	4	5	3	2	2	2	2	2	2	2	2			-		

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SCIENCE CENTRE DON MILLS OAMST NO 34002

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MISS	SING	
FEB		DATA MISS	SING	
MAR	30	3	7	11
APR	25	4	6	10
MAY	23	4	5	8
JUN	7.1	3	4	6
YEAR	89	3	7	11

		ONTARIO	MINISTE	RY OF THE	ENVIRONMENT	- AIR MANAG	EMENT BRA	NCH		
MONTHLY G	ROUP FREQU	ENCY CLASSIFI	CATION FO	DR 73						
POLLUTANT	- NITROGE	N DIOXIDE-SAL	TZMAN		UNIT	- PARTS PER	HUNDREDMIL	LION		
STATION -	SCIENCE C	ENTRE DON MIL	LS OAMST	NO 34002						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20 2	1 &OVER	TOTAL		
JAN		DATA MISSING								
FEB		DATA MISSING								
MAR	86	228	184	33	4	0	0	535		
APR	71	161	222	28	0	0	0	482		
MAY	42	146	169	20	0	0	0	377		
JUN	20	95	66	0	0	0	0	181		
YEAR	219	630	641	8 1	4	0	0	1575		
FREQUENCY	DISTRIBUT	ION BY PERCENT	TILES							
	PERCENT OF DATA VALID	MIN	10	FREQUE 30 50	CONCENTRA NCY DISTRIBU 70	TIONS TION, PERCENT 90 95	98	99	MAX	ARITH MEAN
	53	0	0 7	1.8 2.8	3 . 8	5 4 6.1	7.3	8 0	111	3.5

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION
STATION - D.O. H. BATHURST & WILSON NO 34007 MONTH JAN 73

	STAT	ION	- D	0.H.	ВА	THURS	T & V	VILSO	N	N	0 340	07		M	ONTH JA	AN	73									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2		3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	NG - NG - NG - NG - NG - NG -	16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19	4322233	4 3 2 2 2 2 3 3		4 2 2 1 1 2 3 3 3	4 2 2 2 1 3 3	3 2 2 2 2 2 2 3 3	32222333	3 2 2 1 2 3	3 2 2 1 2 3	3 2 2 1 2 4	3 2 2 1 2 4	3 2 2 1 2 3	3 2	3 3 2 1 2 4	MISSIN 3 2 1 1 2 4 MISSIN	4 2 1 1 2 5	4 2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	33 2 * * * * * * * * * * * * * * * * * *	4 3 3 2 3 3 5 ****	4 3 2 2 3 3 5	5 3 2 2 3 3 5	4 3 2 1 3 3 4	4 3 2 1 3 4 4	4 3 2 2 2 2 3 3	4 3 2 2 2 2 3 3	3 2 2 2 2 4
21 22 23 24 25 26 27 28 29 30														DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	1G - 1G - 1G - 1G - 1G -										
31													=	DATA	MISSIN	IG -										
MEAN	3	3	2	2	2	2	2	2	2	2	2	2	2	3	2	3	3	3	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 20

									STRY	OF	THE I	ENVIR		T - AIR											
	POLL	JTAN'	T - N	ITROG	EN DI	OXIDE	-SALT	ZMAN					U	VITS -	PART	rs PER	HUND	REDMI	LLION						
	STAT	ION	- D.O	н в	ATHUR	ST &	WILSO	N	N	0 340	07		M	ONTH FE	В	73									
HOUR DAY 1 2 3 4 5 6 7 8 9	,	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN	G	16	17	1.8	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19			000					****	9 0 0 0	\$ 0 X 0	P-76 (no.))		DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	9999999	3	3	3	3	3	3	3	2	2	***
21 22 23 24 25 26 27 28	2 1 4 3 2 1	3 1 3 2 2 2 1	4 1 4 2 2 1	4 0 4 2 2 1	4 0 3 2 2 2 5 5	4 1 4 3 2 4	5 1 4 2 2 2	5 2 4 2 1	4 3 4 2 1	4 2 4 2 1	4 2 2 1	4 1 2 1 1 1 6	4 1 2 1 1	4 1 2 1 1 1 1 5 5	5 1 2 0 1	5 1 2 0 1 4 4	5 2 2 0 1 • • • • 5 5	5 3 3 1 1 6 4	5 4 3 1 1 6 5	4 4 4 2 1 6 5	4 3 4 2 1	2 3 3 2 1	2 3 4 2 1 • • • • 6 3	2 3 4 2 1 5 3	4 2 3 2 1
MEAN	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	4	3	3	3	3	3

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - D.O.H. BATHURST & WILSON NO 34007 MONTH MAR 24 MEAN 13 8 8 9 6 2 10 12 7 11 10 8 8 6 4 2 11 8 8 8 6 2 12 8 8 8 6 2 000 13 8 8 9 13 8 8 9 6 3 13 8 8 9 6 3 12 13 9 8 7 5 3 11 14 8 8 7 8 12 10 8 8 6 3 14 8 8 7 12 7 13 8 8 7 14 7 8 7 4 13 7 12 7 12 8 7 6 4 3 88 86 32 13 77 65 3 DATA MISSING DATA MISSING 2 3 3 2 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING
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PERCENTAGE OF DATA VALID -

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

ONTARIO	MINISTRY	OF	THE	ENVIRONMENT	ATR	MANAGEMENT	BRANCH

UNITS - PARTS PER HUNDREDMILLION

	STAT	ION	- D O	.н. в	ATHURS	ST & V	WILSON	4	N	3400	7		M	A HTMC	PR	73									
HOUR DAY 1 2 3 4 5 6 7 8 9	T	2	3	4	5	6	7	8	9	10	a a		DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG - NG - NG -	16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19 20	4 6 6 2 6 4 5	5 6 6 0 5 3	4 5 6 0 5 4	4 5 6 0 6 4 3	3550642	3 4 5 1 6 3 2	4 4 4 2 6 3 3	3 4 5 3 7 4	4 5 5 3 7 4	55 55 53 12 63	1 5 6 5 3 1 5 6 3			MISSI MISSI 1 6 6 6 6 7 8 4		1 6 8 7 6	1 6 6 9 7 7 8	2 7 7 8 6 7 8 5	2 6 6 7 6 7 8 5	2 6 6 7 6 6 8 5	25756685	3 5 7 4 6 7 7	4 5 6 5 6 5 7 4	4 5 7 5 6 5 6 4	5 6 6 4 7 6 4
21 22 23 24 25 26 27 28 29 30	4 2 2 2 4 4 1 1 1 3	3 3 **** 2 3 **** 0 1 3	3 2 · · · · · 2 2 · · · · · 0 1 3	3 2 ***** 1 1 1 0 1 2	2	3 1 2 1 0 0 3	3 1 1 1 0 0 3	4 1 2 2 1 0 3	5 1 2 2 2 2 2 1 0 3	6 1 **** 3 4 **** 1 0 3	0 = = 0 5	11 0 0 0	3	4 5 3 1	7 2 NG - * * * * 4 5 3 1 0 3	7 2 4 5 3 1 0 3	6 2 1 4 5 2 1 0 3	5 2 1 5 **** 3 1 0 3	5 2 1 5 * * * * 3 1 2 3	3 3 2 5 5 2 1 2 3	2 5 5 2 1 3 3	2 5	2	2	4 2 3 3 3 1 1 1 3
MEAN	4	3	3	3	3	2	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

						JNIAH		MINIS	INI	UF	ine i	E IAA T IA	DIAMEIA	- A	TL MIN	MAGEM	CIVI	DHANCI	2						
	POLLU	TANT	- NITE	ROGEN	DIOX	IDE - S	ALTZ	MAN					UN	ITS	PART	S PER	HUND	REDMI	LION	1					
	STATI	ON -	D.O.H.	BAT	HURST	& WI	LSON		NO	3400	7		MC	NTH I	YAN	73									
HOUR DAY 1 2 3 4 5 6 7 8 9	1 2 4 1 2 1 3 4 4 4 5	1 1 2 3 5 4 4 5 5	3 1 4 1 1 1 3 5 4 4 4 4	4 2 4 2 2 1 3 5 3 4 4	5 2 4 2 2 2 1 3 6 4 4 4 4	6 2 4 2 2 1 3 6 5 4 4	7 3 5 1 1 2 2 6 6 4 4	8 3 5 1 1 2 2 6 5 4	9 3 5 1 1 1 2 6 6 4	10 4 5 0 1 3 5 5 4	11 5 0 1 3 6 5 5	12 4 4 4 1 1 5 5 4 3	13 4 4 2 2 1 6 6 2 3	14 4 4 3 1 1 3 6	15 5 4 2 1 1 6 6	16 5 4 2 2 1 6 6 6 6 2 7	17 5 4 2 2 1 6 6 6 6 2 7	18 5 4 2 1 1 7 5 6 3 6	19 5 4 2 2 2 6 5 5 4 6	20 54 1 1 26 56 56	53 21 26 55 66 66	5 3 1 1 4 6 4 5 6 4	23 4 2 1 1 3 6 4 5 6 3	24 4 1 1 1 3 5 4 5 6 5	MEAN 4 4 1 1 2 4 5 5 4 5
11 12 13 14 15 16 17 18 19 20	5 3 1 1 3 3	4 2 1 1 3 2	5 2 0 1 3 2	4 2 0 1 2 2 2 2	3 3 0 1 1 2 2 2	4 3 0 1 1 3	4 1 0 1 1 3	3 3 0 1 2 4	2 2 0 2 2 4	1 1 0 2 1 3 3	1 0 2 1 3	1 2 0 3 1 3	1 2 0 3 3 4 DATA	1 2 0 3 5 4 MISS	1 1 0 3 5 4 ING -	1 1 0 3 5 4	1 1 1 4 5 3	1 1 3 4 3	2 1 1 3 3 2 2 8	2 1 1 3 4 4 2 8	2 1 1 3 3 3 2 9	2 1 1 3 3 3	3 1 1 3 3 2 7	3 1 1 3 3 3 2 6 3	2 2 0 2 3 3 3
20 21 22 23 24 25 26 27 28 29 30	7 3 3 4 5 5 4 4 2 4	6 1 2 3 4 4 4 3 1 3 1	5 1 0 2 3 3 3 3 1 3 0	4 0 0 1 3 2 3 2 1 3 0	6 0112322230	6 1223332231	5 1235432331	23 024 5 4 3 2 3 3 2	1 2 7 5 4 3 2 3 2 3	3 0 1 7 5 4 3 3 4	4 0 1 7 4 4 3 3 3 3	6 0 1 6 4 5 3 4 4	6 1 0 6 4 5 4 5 5 5 1 3	7 0 3 5 4 6 3 4 5 1 4	7 0 10 6 4 4 5 1 5	6 0 9 8 4 8 4 5 6 1 4	6 0 9 8 5 8 4 4 5 1 4	6 1995744614	6 1 9 7 5 7 4 4 4 1	7 26657 44313	6 3 4 5 5 6 3 4 4 2 3	6 4 4 5 5 5 5 3 3 4 1 3	4 3 4 5 5 4 3 3 4 2 3	3 4 3 5 5 5 4 4 2 4 1 3	5 1 4 5 5 4 5 5 3 3 4 2 3
31	3	3	3	3	3	3	2	2	2	1	1	1	2	1	2	3	3	2	5	8	7	6	4	1	3
MEAN	3	3	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3	3	3

PERCENTAGE OF DATA VALID - 92

						ONTAR	N OIF	INIST	RY (	OF TI	HE E	NVIRO	MENT	- AI	R MA	NAGEM	ENT	BRANCI	н						
	POLLU	TANT	- NITE	ROGEN	DIOX	IDE - S	SALTZM	IAN					UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	рон	BAT	HURST	& W)	LSON		NO	3400	7		MON	NTH JI	JN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	1.7	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	3 3 4 5 4 4 1 3 7 2	4344331352	3 4 4 3 3 2 3 3 1	4 3 4 3 3 2 2 2 1	4 4 3 3 3 3 3 1 3 1 1	4 4 3 4 2 3 3 2	3 4 4 4 3 4 2	2 4 5 4 4 5 4 2	1 4 4 5 4 4 4 6 1 3	2445445514	1 4 5 3 4 4 6 7 1 3	1 4 5 1 4 4 6	1 5 5 1 5 5 7	5 5 1 6 5 7	6 5 3 6 6 5 9 0 7	2656568907	2658657909	2 6 5 6 6 6 9 0	3 5 6 5 6 5 6 1 1 8	3 5 5 2 7 5 6 11 18	3 5 5 2 7 5 4 10 1 8	3 5 5 5 5 5 5 5 1 0 2 8	3553541938	3 5 5 3 5 3 4 8 2 9	3 5 5 4 4 7 2 5
11 12 13 14 15 16 17 18 19	7 4 1 1 4 3 2 2 3 3	2111322233	1 0 0 2 2 2 1 2 2	1 2 1 0 2 2 1 2 2 2	5100001000	6101411223	6 2 1 2 5 2 1 1 3 3	6322731233	4 2 1 1 6 3 2 2 3 3	7 1 1 5 3 2 1 3 3	7 2 1 1 5 3 2 2 3 3	8 2 1 5 4 3 4 3 3	5 4 0 4 2 3 5 4 4	1 1 3 1 3 5 4 6	1 2 2 3 1 2 7 5 6	3 1 2 2 4 1 3 7 5 7	1 1 1 2 3 1 3 5 4 8	1 1 1 3 3 0 3 5 4 8	2 1 3 3 1 3 5 4	5 1 2 5 3 1 2 5 3 6	5235323536	7 2 2 4 3 2 3 4 4 6	7 2 2 4 3 2 2 4 4 4 4	5 3 1 4 3 2 2 3 3 3 3	5 1 2 4 2 2 3 3
21 22 23 24 25 26 27 28 29 30	1 3 4 3 6 6 7 4 5	1 3 3 4 3 6 5 5 3 7	2 3 4 3 5 5 6 3 6	2 2 3 3 3 4 4 5 3 4	1 3 3 4 3 5 5 6 3 6	3 3 3 3 5 5 7 3 6	3 5 2 2 3 5 5 6 4 5	3 5 2 4 4 6 7 5 5 5	3 6 3 4 6 7 7 5 3 7	3 7 2 5 10 8 8 5 4 6	382 499 8 56	3 7 4 2 9 9 7 7	9 1 9 11 7 7 3 10	4 9 9 1 10 11 8 8 5	4 8 9 1 9 12 9 8 5	5 7 8 1 10 11 10 9 6	7 3 7 1 9 12 9 7 4	7 1 7 1 9 13 6 7 5	5 26 1 9 12 8 7 6 10	2 3 3 2 9 10 9 6 5	3 4 3 2 9 3 9 5 6	3433939579	3 4 4 3 8 7 9 4 6 7	3 4 4 3 7 7 8 4 5 7	3 5 4 3 7 8 7 6 4 8
MEAN	4	3	3	3	3	3	3	4	4	4	4	4	5	5	5	6	5	5	5	5	5	5	5	4	4

	2011							*****					1.0	UTTO	DAD	TS PEF	LILINE	DEDMI	TI L TON	i .					
	POLI	UTAN	I - N.	TROGE	N DIC	XIDE	-SALI	ZMAN									HUNL	DHEDMI	LLLION	٧.					
	STAT	ION	D.0	H. BA	THURS	T & 1	WILSON	N	NC	3400	7		M	HTMC	JUL	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4	7 6 7 4	7 6 5 4	5 4 4 4	5 3 5 4	4 3 5 4	4 2 6 4	4 3 6 5	1 5 6 8	1 8 3 10	1 8 2 8	0 8 1 8	1 9 0 9	3 10 0 12	8 10 13	10 2 13	7 10 9	7 11 16 8	7 11 14 8	8 12 13 7	9 11 6 6	9 11 4 6	9 11 4 4	8 10 4 4	7 8 4 4	5 8 5 7
5 6 7 8 9 10	3 2 6	2 1 6	1 2 7 5	1 2 6 2	1 2 6 3	2 6	3 6	2 3 6	2 3 6	1 3 3	1 2 1		1 1 1 DATA DATA			2 6 1	1 0000	2 9	1 8 6	1 9 7	8 6	3 7 5	6 4 * * * *	2 6 ****	4
11 12 13 14 15	0 6 6 6	****	1	0 0 0 0 0 0 0 0		0000	6000	0 0 0 0 0 0 0 0	0000		0 0 0 0 0 0 0 0	8 9 0 K	DATA DATA **** DATA 4	MISS:	NG -	****	8	7	9	10	7	3	6 * * * * 2 2	2	****
17 18 19 20	2 2 2 3	2 2 2 2	2 2 1	2 1 0	2	2	2	3 2 1	5	5	5 0 0 0 0	5 ****	4 6 2	3 6 2	4 6 3	4 6 2	4 6 2	4 6 2	4 6 1	5 5 1	4 5 2	4 2	2 3 3 1	3 3 1	3
21 223 24 25 26 27 28	5 6	**** 4 5 ****	3 4	0000 2 4 0000	3 4 4	5 5 6 8 8 8 8 2	2000	6 8	7 * * * * 7 7 * * * * * 2	**** 7 7 ****	9 7	* * * * * * 1	12 8 DATA	MISS: 9 MISS: 2	ING - 7 13 9 ING - 10 3	7 13 9 8 2	7 10 9 8	7 8 8 7 0	7 7 7 7	7 6 6 7 0 3	7 6 5 6 0 3	6 6 4 6 0 3	6 6 3 5 0	6 6 3 5 0	* * * * * * * * * * * * * * * * * * *
29 30 31	0 1 5	0 1 5	0	0 0	0 0	2 0 0	1	0 2 4	0 2 6	0 2 6	0 3 6	7	0 7 7	7	7	8	9	2 9 13	3 9 13	3 8 10	3 7 9	3 7 9	0 2 7 8	2 7 6	1 5 7
MEAN	4	3	3	2	3	3	-	4	4	4	4	4	5	6	6	6	7	7	6	6	5	5	4	4	5

PERCENTAGE OF DATA VALID = 58

	ONTARIO MINISTRY OF THE EN														T - AIF	R MA	ANAGEN	ENT	BRANC	Н						
	POLL	UTAN	F - 1	NITR	OGE	N DIG	OXIDE	-SALT	ZMAN					U	NITS -	PAR	TS PER	HUNC	DREDMI	LLION	ı					
	STAT	ION -	D (	). Н	BA	THURS	ST &	WILSO	N	NO	3400	7		М	ONTH AL	JG	73									
HOUR	1	2	;	3	4	5	6	7	8	9	1.0	11	12	1.3	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY	3	4		3	3	1	2	3	4	4	3	4	3	3	2	2	2	2	2	2	1	0.0.0	0.0.0	0.0.0.0	0000	3
2 3		* * * *	999	100	e n	a va.	1000	4 + - 4	1745			m grayer	16.0	0 0 0 0	MISSI	1	. 3	5	7	6	4	1	0	1		0000
4 5	1	0	(	)	0	0	0	0	0	0	0	4.4	Search the	DATA	MISSIM	VG -	w g ====	0000	V	22.00	9 0 0 9					
6 7	N Fr W D	2 9 8 6	200	0.0	× 0	(5.8)	5 5 9 3s	1000	7.44.4	0:0%	265	11 4 4 4		0.00 + 0	MISSI	0000	12	12	11		9	7	6	6	0	0000
8	5	4	2	)	2	3	3	3	3	3	3	4	5		MISSIN		0 0 0 0	0.000	0 / 0 0	0.000	0000	0000	0 0 0 0	* ^ * *	***	****
10															MISSIM											
11 12	0000		6 8 5 5				u 10	W 1W 1	8.4	. 700		0.000	(2)	DATA	MISSIN MISSIN	VG -	~				0	0	0008	0 0 0 0	8000	0.000
13 14		0011	0.0 / 4	But.		100	10.00	0.000	0.065	5 - N.O.	. 0 0 1	nnuu	B 4" 6	79.50		9	8	8	7	8	8	9	9	8	8	
15 16	3 2	1	1		0	0	1	2	3	5	5	3	3	3	2	2	2	2	10	2	2	2	6	2	2	2
17 18	1 4	1 5	4		1	1	1 2	1 4	2 5	3	3	8	5 8	5 7	6 8	9	10	10	10	2 9 7	7 5	6 8	2 5 6	2 6 5 5 2	5	4 6
19	4	4	4		3	1	6688	0	1 5	1	4 7	5	6	6	7 8	11	6	7	7	7	6	6	5	5 2	5	5 5
21	1	1	S*		0	0	1	2	2	2	1	1	0	0000	0000	1	i	1	1	1	1	0	0	0	0	1
22	ó	į	(	)	0	0	Ó	1	1	1 2	Ó	0	ŏ	0	0	Ó	0	1 3	1	1	1	1	1 5	1 5	1	1 2
24	3	1	1		1	2	2	3	4	5	6	6	8	8	8	9	9 11	10	9	9	8	7	7	6	6	6
25 26	6 6	6	6	3	3 5	4	5	6	7	5	4	6	8	9	9	8	5	7	3	1	2	2	3	5	4	5
27 28	4	3	11 III IX X	0:10	V-30:	0 0 0 11	6.0.0.0	38 83 81 19	0.0.0.0	0.01	2519219038	1001000000			MISSIN	NG -	180 N 70 N	10.00.00.00	20.00.00.00	* * * * *	97679		20.00.00	.e. 101/01/09		7.5.6.6
29 30															MISSIN											
31													-	DATA	MISSIM	VG -										
MEAN	3	3	2		2	-	2	2	3	3	4	4	5	5	5	5	5	6	6	5	5	5	4	4	4	4

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - D.O H. BATHURST & WILSON NO 34007 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 14 15 24 MEAN DATA MISSING 1213 144 156 167 178 199 20 21223 224 226 227 229 30 DATA MISSING DATA MISSING DATA MISSING 10 1 5 2 8 1 5 1 5 2 7 1 4 1 3 3 3 5 2 3 1 3 2 3 4 8 2 4 1 6 4 1 3 3 1 3 4 3 2 4 4 3 7 5 3 6 5 3 6 5 2 5 4 3 3 3 3 2 4 4 2 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING

PERCENTAGE OF DATA VALID - 31

2 3

4 4

3 3

MEAN

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION																									
	POLLU	TANT	- NI	TROGE	N DIO	XIDE -	SALTZ	MAN					U	NITS -	PAR	TS PER	HUND	REDMI	LLION	1					
	STATI	ON -	D 0.	H. BA	THURS	T & W	ILSON		NO	3400	7		M	ONTH O	CT	7.3									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	1 3	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	4 3 6 3 4 3 5 6	5 2 4 2 3 3 4 5	5 1 0 1 3 3 3 5	4 1 0 1 3 2 2 5	4 1 0 1 3 2 3 5	4 3 0 2 3 2 3 2 3 6	4 4 1 3 3 3 7	4 5 2 3 3 3 4 8	4 6 2 3 3 3 5 9	4 7 1 4 3 3 6	5 8 1 7 4 3 6 16	6 9 8 4 4 7 13	6 8 7 4 5 7	9 9 1 7 5 5 8	NG 5 9 10 17 5 6 8	6 9 10 1 6 5 6 9	6 7 10 2 7 5 7 10	6 6 9 2 6 4 7 1 9	658354699	658354698	557354688	5 4 7 3 5 4 6 8 7	5 4 7 3 5 4 6 8 6	4 4 7 3 4 4 5 7 5	5 6 2 4 4 4 6 8
11 12 13 14 15 16 17 18 19	4 6 8 1 1 1	3 6 8 2 1 2 1	3 5 7 3 2 1 1	3 5 6 1 2 0 1	3552201	3 6 5 2 3 1 2	3652323	3 6 5 3 4 3 3	3 6 5 1 5 2 3	4 7 6 1 6 1 2	4 7 7 1 1	5 B 7 1 2 1 1	DATA	8 10 7 1 1 1 1 MISSI MISSI MISSI	NG -	8 12 8 1 1	8 11 8 1 2 1	8 11 6 2 2 2	8 10 5 4 3 2	7 10 5 5 4 2	7 10 4 5 4 2	7 9 4 4 4 2	7 9 4 3 4 2	6 8 1 2 3 2	5 8 6 2 3 1
21 22 23 24 225 266 27 28 29 30	7 5 2 7 6 7	6 3 2 7 5	5 1 2 6 5 5	5 2 2 6 4	5 2 1 5 4 3	6 2 2 4 4 3	6 2 2 5 6 5	6333666	8 3 3 6 7 7	10 2 3 6 6 7	8 2 3 6 6		DATA	MISSI MISSI 15 7 2 3 7 6	NG -	16 8 3 4 7 8	16 8 3 4 7 8	159 357 83	12 7 3 7 8 3	12 7 3 7 7 8 3	12 6 3 7 7 8 3	1 1 5 3 8 7 8 3	10 5 3 8 7 7 3	9 5 3 7 7 7 3	7 3 4 6 7 5
31	3	3	3	2	3	3	3	3	3	3	3	3	4	5	5	0.0.0	5	5	5	5	5	4	4	4	4
MEAN	4	4	3	3	3	3	4	4	4	5	5	5	5	6	6	7	7	6	6	6	6	6	5		

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - D.O.H BATHURST & WILSON MONTH NOV NO 34007 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 2 2 2 2 3 3 3 2 2 3 3 3 3 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 3 4 2 3 DATA MISSING DATA MISSING

PERCENTAGE OF DATA VALID - 44

MEAN

ONTARIO	MINISTRY	OF	THE	ENVIRONMENT	-	AIR	MANAGEMENT	BRANCH
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	POLL	UTAN	T - N	ITROGE	EN DI	OXIDE	-SALT	ZMAN					U	NITS	PAR'	TS PEF	R HUNE	DREDMI	LLION	1						
	STAT	TION	- D.O	. н в	ATHURS	ST &	WILSO	N	NO	3400	7		MO	ONTH I	DEC	73										
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11	2	DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING - ING -	16	17	18	19	20	21	22	23	24	MEAN	
11 12 13 14 15 16 17 18 19 20	1 1 3 2 1 6 4	0 1 3 2 1 6 3	* * * * * * * * * * * * * * * * * * *	0 1 2 1 6 3	0 1 1 1 5 3	0 0 1 1 2 5 3	0001133552	1 1 1 2 3 5 3		* * * * * * * * * * * * * * * * * * *		4000	2	1 1 1 1 3 5	0000	0 0 0 0 0 0 0 0 2 1 1 2 4 5 3	3 2 2 2 2 4 5	3 2 3 3 2 4 4 4	3 2 3 2 5 4 4	2 2 3 3 1 5 4 3	* * * * * 2 2 3 4 1 5 4 3	1 2 3 4 1 5 4 2	1 1 3 2 1 6 4 2	1 1 3 2 1 6 4 2	1 2 2 1 3 5	
21 22 23 24 25 26 27 28 29 30	2 3 4 3 5 1 1	2 4 3 4 1 1	1 3 4 3 4 1 1	1 3 4 3 4 1 1	1 3 4 3 4 1 1 1 1	1 4 3 3 4 1	1 3 3 3 5 1	2 4 3 5 5 1	2 4 3 5 5 1 1	2 5 3 5 5 1 1 ****	2 5 3 5 5 1 1		DATA	1	ING -	2 5 2 5 5 1 1	3 5 3 5 1 1	3 5 3 5 5 1 1	3 5 4 5 4 1 1	2 5 5 5 4 1 1	3 5 3 5 4 1 1	3 5 3 5 3 1 1	3 4 3 5 2 1 1	3 4 3 5 2 1 1	2 4 3 5 4 1 1	
31	0000	0.0 // 0	0 4 6 0	(N 0 11 N)	0.00	4000		0.00.0	0 0 0 0	0000	0000	0.000	0000	0.0.0.0	0.0 6.0	0.000	4	5	6	6	5	5	5	5	0000	
MEAN	3	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - D.O.H. BATHURST & WILSON NO 34007

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT

MIN

0 5

1.8

2.9

OF DATA

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	8	3	4	5
FEB	9	3	5.	6
MAR	13	6	12	15
APR	17	4	7	15
MAY	30	3	5	10
JUN	30	4	8	13
JUL	23	5	8	16
AUG	20	4	7	12
SEP	11	3	5	10
OCT	24	5	.8	16
NOV	15	3	4	5
DEC	18	3	5	7
YEAR	218	4	12	16

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNIT - PARTS PER HUNDREDMILLION STATION - D.O H BATHURST & WILSON NO 34007 00 TO 01 02 TO 03 04 TO 06 07 TO 10 11 TO 13 14 TO 20 21 &OVER TOTAL JAN FEB MAR 1.7 APR MAY JUN JUL AUG SEP OCT NOV DEC - 1 YEAR 

FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95

6 9

4 3

10.1

8 3

11.7

MAX

3.8

UNITS - PARTS PER HUNDREDMILLION

STATION - ELMCREST ROAD, ETOBICOKE NO 35003 MONTH FEB 24 MEAN 9 10 11 12 13 DATA MISSING 2 3 2 3 3 2 3 3 2 3 \* \* \* \* 22331\* 333\* 0000 0000 2 3 0 0 0 0 6 0 0 3 1 . . . . ô 1 3 1 3 3 1 1 3 1 2 3 1 2 22 23 24 25 26 27 28 0 \*\*\*\* 3 2 0 5 1 0 DATA MISSING -DATA MISSING -DATA MISSING -DATA MISSING -DATA MISSING -

2 2

PERCENTAGE OF DATA VALID - 65

MEAN

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

						ONTA	ARIO	MINIS	TRY	OF	THE E	ENVIR	NMENT	- AI	R M	ANAGEN	IENT	BRANC	Н						
	POLI	UTAN	T - N	ITROG	EN DIC	XIDE-	SALT	ZMAN					UN	NITS -	PAR	TS PER	HUNE	REDMI	LLION	ĺ					
	STAT	TION	- ELM	CREST	ROAD,	ETOE	зісокі	E	N	0 350	03		MC	N HTM	IAR	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9				0			7070 0 0000	0 0 0 0 0	0000	0000	**************************************		DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI 0 4	NG - NG - NG -	**** **** 2	1 2 1	1 2 1	1 2 1	1 2 1	0 0 2 3	0 **** 1 2	0 •••* 1 2		***** ********************************
11 12 13 14 15 16 17 18 19 20	1 2 * * * * 2 1 2 2 2 0 0 0 3	1 **** 2 1 2 1 0 0	1 **** 4 1 2 1 1 0	1 0 × 0 0 0 × 0 0 4 1 2 1 1 0 1	1 **** 4 1 2 1 1 0	1 2 1 2 1 1 0 1	0 2 1 3 1 0 0 2	2 0 2 2 5 1 0 1 2	0 1 2 3 2 0 1 1	0 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 3 2	1 0 3 3 0 2 2 1 1	1 0 0 0 0 2 0 0 0 2 2 2 1 1	1 **** 2 1 1 2 1 1 2	32111112	1 4 3 2 1 2 1 1 2 2	1 7 4 2 2 4 1 1 1 2 3	1052250123	1 0 5 3 2 5 0 1 2 3	1 0 5 3 2 4 0 1 2 4	1 0 5 3 1 4 1 1 3 4	1 0 5 2 1 4 0 1 3 4	0 0 5 2 1 3 0 1 4 5	0 0 4 2 1 3 1 1 5 5	1 3 2 1 3 1 1 1 2
21 22 23 24 25 26 27 28 29	6 4 4 5 9 6 4 7 6 6	6 4 3 5 8 4 2 7 6 6	6 3 3 5 7 2 3 6 4 6	3 4 7 2 3 6 5	6334623656	633345236666	6 4 5 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6655655666	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 X	3 4 4 2 4 6 6	3 4 2 3 4 2 4 6 5 6	3 2 2 4 2 4 6 5 6	3 1 2 3 4 1 3 6 7 6	4 2 2 6 4 1 4 7 8	4 2 2 6 4 8 9 6	4236425786	5368526786	5 4 8 10 6 4 7 7 8 6	5 5 8 10 7 4 7 7 7	5 8 10 8 5 7 7 7 6	5489856666	5579766675	5469767675	5 4 4 6 6 3 5 6 6 6 6
31	6	6	5	2	2	2	2	3	0000	0 0 0 0	5	5	7	7	7	8	8	9	8	5	5	4	4	5	5
MEAN	4	3	3	3	3	3	3	3	1	1	3	3	3	3	3	3	4	4	4	4	4	4	4	4	3

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN MONTH APR STATION - ELMCREST ROAD, ETOBICOKE NO 35003 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 4 8 11 3 4 10 8 5 5 9 11 1 3 10 11 5 5 4 12 1 8 9 7 9 4 4 10 5 5 7 245925\* 4 5 10 2 5 \*\*\* 5 12 1 5 2 2 10 1 7 9 8 6 8 3 22 23 24 25 26 27 28 29 30 DATA MISSING 11 6 4 3 5 6 6 1 2 5 8 6 7 3 0 0 0 0 0 0 0 0 

PERCENTAGE OF DATA VALID 74

MEAN

						ONTA	RIO	MINI	STRY	OF	THE	ENVIR	DNMENT	- A	IR M	ANAGEN	IENT	BRANC	н						
	POLLU	TANT	· NI	TROG	EN DIC	XIDE -	SALTZ	MAN					UN	NITS	- PAR	TS PER	HUND	REDMI	LLION						
	STATI	ON -	ELMC	REST	ROAD,	ETOB	ICOKE		N	0 350	03		MC	NTH I	MAY	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	5 8 4 1 0 4 7 5 6 8	4 8 3 1 0 4 7 7 6 8	2 8 3 0 3 7 8 6 4	2 8 4 1 0 3 8 8 6 3	3 4 4 1 0 3 8 9 6 3	4 6 4 2 1 3 7 9 5 3	6 4 3 1 3 7 12 5 4	6 7 3 3 1 3 10 12 5 4	1 3 9 10	1 0	4 2 2 1 1 4 8 3	5 2 3 1 1 4 9 3	7 3 2 3 2 1 1	8 4 2 1 1 3 1	8 4 2 1 1 2 3 8 3	2 2 1 2 6 8 3	10 8 2 2 1 2 5 8 3 5	11 7 2 2 1 2 6 7 3 5	10 7 2 2 2 6 5 7 3	11 10 2 2 4 6 5 10 10 5	10 9 0 2 5 8 4 8 13 8	10 6 0 3 5 9 4 5 10 9	9 6 0 3 5 8 5 5 9 5	9 7 0 1 5 7 7 6 8 6	7622246865
11 12 13 14 15 16 17 18 19	6 1 2 3 4 2 2 2 2 3 8	7 0 3 2 3 1 3 0 3 8	8 0 2 2 2 1 3 0 3 7	2 2 2 2 1 1 2 0 2 6	3 2 2 2 1 2 1 2 6	3 2 2 5 2 3 2 3 5	323623335 5	32 3 6 3 2 3 3 5	2 2 2 4 3 2 2 3 5	* * * * * * * * * * * * * * * * * * *	2 5 	2 2 2 2 2 5 1 2 3 4	2 2 2 2 5 5 2 2 4 5	1 1 4 7 2 5 3 3 6	1 1 2 5 6 2 5 4 5 5	1 1 4 5 2 6 4 5	1 2 2 4 4 2 5 5 5 5	1 2 2 5 5 5 3 4 5 5 5 5	1 2 3 5 4 4 4 5 10 6	2 3 3 5 5 5 3 4 5 14 7	3 1 3 5 5 5 5 5 5 5 14 6	3 2 3 4 6 2 4 5 11	3 2 3 4 3 1 3 4 11 5	4 2 3 4 2 2 1 4 9 5	3223423356
21 22 23 24 25 26 27 28 29	4 3 3 7 4 5 5 3 4 2	2237325342	2 2 2 6 3 1 5 3 3	2 1 3 3 3 1 5 3 2 1	1 2 3 4 4 1 4 3 1 2	2 3 3 5 6 3 4 5 2 3	256675562 <b>4</b>	2 4 9 9 7 6 4 7 3 5	0000 7 0000 0000	0 0 0 0	2 4 7 6 5 3 9	1 2 4 5 6 5 3 7 2 5	3 2 2 5 5 6 6 6	3 6 5 4 1	10 5 2 8	11 6 3	3 4 7 6 1 1 6 5 3 2 5	3 6 7 6 9 6 5 9 2 5	4 11 8 5 7 6 5 3 2 6	4 6 9 4 9 5 5 5 5 5 6	5 8 9 6 5 4 5 6 3 4	5 9 6 4 3 5 7 3 5	10 4 9 6 4 4 4 4 5	7 3 9 4 5 5 3 3 3 5	3 4 6 6 6 4 4 5 3 4
31	5	5	5	4	4	4	4	4	0000	0.0.0	2	2	2	2	2	2	3	3	3	3	2	2	4	2	3
MEAN	*		2	2	2		4	5	4	1	3	3	3	2	4	4	Δ	5	5	6	6	5	5	-5	4

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - ELMCREST ROAD, ETOBICOKE NO 35003 MONTH JUN 24 MEAN HOUR DAY 8 9 10 6 7 1 2 3 4 5 6 7 8 9 10 1 3 1 1 1 1 0 3 3 1 4 2 4 3 ż 12 13 14 15 16 17 18 19 20 4 5 5 5 5 5 5 5 3 10 4 8 4 4 3 6 2 3 5 6 4 4 4 5 5 7 2 3 8 5 5 1 5 3 7 3 3 7 7 9 22 23 24 25 26 27 . . . . . 2 4 3 1 3 5 1 9 5 7 0 0 0 0 29 30 3 . . . . . á 

PERCENTAGE OF DATA VALID 

MEAN

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						ONTAR	O MI	NISTRY	OF	THE	ENVIR	ONMEN.	T - AI	R M	ANAGEN	MENT	BRANC	CH						
	POLI	LUTAN	T - NI	TROG	EN DIC	XIDE-SA	LTZMA	.N				UI	NITS -	PAR	TS PEF	HUNE	DREDMI	LLIO	N					
	STAT	TION	- ELMC	REST	ROAD.	ETOBIO	OKE	1	VO 35	003		M	ONTH .	JUL	73									
HOUR	1	2	3	4	5	6	7	8 9	9 1	0 1	1 12	13	1 4	15	16	1.7	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	3535643259	3425433248	4 4 2 4 3 3 6 2 4 4	6 4 3 3 3 3 3 3 2 4 1	5323633352	5322723352	3673542353	8 6 2 4 3 4 3	9 000 2 000 2 000 3 000	6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 1 2 1 2 1 1 1 1 2 1 2 2	2 1 1 2 1 2 1 1 2 1	3 1 1 1 1 1 1 2 1	3212111032	3 3 5 1 1 1 1 4 2	3 4 4 1 1 2 1 5 2	3 4 4 2 1 1 2 2 6 2	3 7 4 1 2 1 3 3 5 2	4932433562	5 10 5 6 4 3 3 3 6 2	7 12 7 7 4 3 3 3 6 2	10066522392	8 5 7 4 3 2 3 10 3	45443222253
11 12 13 14 15 16 17 18	3	1 2 3 4 3 2 1	1 2 3 6 3 2 1	1 2 2 4 2 2 0	1213230	2 2 1 3 2 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3 2 5 6 14	2 00:	C - 13	1 2 3 2 1	DATA	MISSI	1 1 2 1 1 1 1 1 1 NG -	1 1 2 1 3 3 3 2	1 1 2 1 3 3 3	1 2 2 1 3 3 3 3 3 5 5 5	1 3 2 2 3 4 5	2 3 4 5 7	3 3 2 4 5 3 7 	3 4 3 3 5 4 6 ***	3323436	2 4 3 3 4 3 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 2 2 3 3 3 3 3 3 3 3 3 3
21 22 23 24 25 26 27 28 29 30	4 2 3 3 4 4 0 1 1 2	3 2 4 3 4 4 0 1 1 2	2 2 3 3 3 3 0 1	2 1 2 3 3 3 3 0 1 1 2	2223420012	3 2 3 2 6 3 0 0 1 2	5 2 5 4 6 3 0 0 1 2	3 3 6 6 7	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6 000 6 000 6 000 6 000 7 000 0 000	2 2 2 3 3 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 1 3 4 4	2 1 2 1 6	2 1 4 2 5 2 1 2 1 4	2 1 4 4 4 2 1 2 1 4	3 1 4 4 7 2 1 0 2 4	5 2 3 4 5 1 1 1 2 4	5 3 5 5 7 1 1 2 2 4	5 4 7 6 7 1 1 2 4 5	5466801335	4 5 6 6 7 0 1 1 3 5	2554601135	2 4 5 4 5 0 1 1 2 5	3 2 4 4 5 2 1 1 1 3
31	4	3	2	3	2	2	3	4 7 - 2 - 2		or or g	. 2	2	com dese	3	6	9	7	7	7	8	9	8	7	5
MEAN	3	3	3	2	2	3	3	4 :	3	1	1 2	2	2	2	2	3	3	3	4	4	5	4	4	3

	POLLU	TANT	- NIT	ROGEN	OID N	XIDE-S	ALTZM	AN						IITS -		S PER		REDMI							
	STATI	ON -	ELMCF	REST F	ROAD,	ETOBI	COKE		N	0 350	03		MC	NTH A	UG	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	0.00		12	1000	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	5 4 2 2 1 1 2 1 0 0	2 1 2 1 1 0 0	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 1 1 1 1 2 0 1	1 2 2 1 1 2 1 1 0 1	5 2 1 1 1 2 2 1 2	6 4 3 2 2 4 5 1 3	6 5 2 1 2 2 3 4 1 5	6 4 1 1 2 1 3 ****	9 0 0 0 0 0 0 0	1 0000	3 3 1 1 0 1 1 1 3	2 2 1 1 0 0 0 0 1 3	2 1 1 0 1 0 0 1 2	3 2 1 1 0 1 1 0 1 2	5 1 1 1 1 2 0 1 2	4 0 2 2 1 1 0 2 2	4 1 4 3 1 2 1 0 5 2	6233122013	63333222024	5323222124	6 3 2 3 2 3 3 1 4 5	6333232125	5 2 2 1 2 2 1 1 1	4 3 2 2 1 1 2 1 1 3
11 12 13 14 15 16 17 18 19	2 2 2 3 1 1 3 5 4 4	3123122344	2 1 2 2 1 2 2 1 4 4	1022022233	2 1 2 1 1 3 2 2 2	2 1 2 1 2 1 3 3 1	2 1 3 1 2 3 3 5 3 3	3 5 2 4 5 5 2 5	1 0 2 6 1 7 7 3 2 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	****	1 1 2 2 1 3 3 2 2 8	2	1 1 2 0 0 1 3 0 2 3 2 3 2	1 1 2 1 2 4 5 3 4 3	1 1 2 2 3 4 7 2 3 3 3	1 1 3 3 4 5 7 2 3 3	1 1 3 5 2 6 5 3 3 3	1 2 4 7 4 6 5 5 4 2	2 3 4 5 5 6 7 7 6 3	3 4 5 2 5 6 7 6 5 2	3 4 3 1 3 5 6 6 6 6 1	3 3 3 1 3 4 4 5 5 1	3340246541	2 1 3 3 2 4 5 4 3 3
21 22 23 24 25 26 27 28 29	0 1 3 2 5 6 5 1 1 2	0122334121	1 1 2 2 2 1 1 1 1	1 1 2 3 1 1 1 1 3	1 1 2 3 1 1 1 2 3	1 1 2 3 3 1 1 1 2 4 5	2224413266	3 5 6 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 3 2 1 2 1 1 0	0 2 2 2 1 1 1 1 1	0 1 1 1 0 1 1 1	3 0 1 1 2 1 0 1 0 1 1	2015211101	2 0 2 5 2 1 1 1 0 1	2 0 2 3 2 1 1 1 2 1	2 1 2 4 3 3 1 2 4 1	1 3 3 4 2 2 4 7	2345435581	2347654574	2346865563	2336664563	2235764475	2 1 2 4 4 2 2 2 3 2
31	6	4	3	3	4	3	4	3	4	0.0.0	0000	4	6	4	2	5	5	7	8	8	7	6	6	5	5
MEAN	2	2	2	1	2	2	3	3	3	1	•	2	2	1.	2	2	2	3	3	4	4	4	4	3	3

PERCENTAGE OF DATA VALID - 91

						ONT	ARIO	MINIS	STRY	OF 1	THE	ENVIR	ONMEN	T - A	IR MA	ANAGEN	MENT	BRANC	Н						
	POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - ELMCREST ROAD, ETOBICOKE NO 35003 MONTH SEP 73																								
	STAT	ION -	ELMC	REST	ROAD .	ETOE	BICOKE	1	N	3500	3		м	ONTH S	SEP	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	1.8	19	20	21	22	23	24	MEAN
1 2 3 4 5	4 2 2 4	1 2 4	4 1 1 4	1 2 2	3 1 1	3 2 2 2	3 5 6	2 3 7 5	1 3 5 5	0 0 0 0 0 0 0 0 0 0 0 0	1 4 3	2 4 2 2	2 2 2 2 DATA	3 2 2 2 MISSI	3 5 2 1	2 3 2 1	2 3 2 2	1 5 2 2	2 8 1 2	9 2 2	5 8 3 1	5 7 2 1	4 6 3	2 2 4	3 4 3 3
6 7 8 9 10	2 2 3 2	1 2 3 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 2	2 2 2 2 3	1 2 2 4	2		0 0 0 3	0 0 0 4	0 0 0 0 3	0 1 0 0	0 1 0 0	1 0 1 0	1 1 2 1 0	2 2 1 0	3 4 2 2 0	2 4 3 2 0	2 4 3 2	2 4 3 2	2 3 3 2 0	2 3 3 2 0	2 2 1 2
11 12 13 14 15 16 17 18	0 1 1 4 1 1 2 4	0 1 1 4 1 1 2 4	0 2 1 4 1 1 2 4	0 2 1 4 1 1 2 4	1 2 1 4 1 1 2 4	2 3 1 4 1 1 3 5	2 3 2 4 1 5 5	0 2 3 4 3 1 5 5	0 1 3 2 1 0 1 3	0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 2 3 0 0 4	0 1 2 3 3 1 0 5	2 1 2 2 2 1 1 5	1 1 3 2 1 5 5 MISSI	1 1 4 4 2 1 5	1 1 5 3 1 1 5 5	1 5 4 0 1 5	1 3 5 5 0 1 6	2 5 5 5 1 3 5 •	3 4 5 5 1 3 4	2 3 4 4 1 3 4	1 3 4 3 1 3 5	1 2 4 2 1 2 4 2	1 2 4 2 1 2 5	1 2 3 3 1 1 3
20	o o gray	***	N 60 0	0000	0.6-0.0	0.000	0.000	0000	0000	0.633	0.00 0 0	0000	1000	0 0 0 0	0000	0000	0.000	1	2	2	2	1	1	1	
21 22 23 24 25 26 27 28 29 30	1 1 1 1 0 4 2 2 0 0	0210032200	0 1 1 0 0 4 2 2 0	0010022200	000000000000000000000000000000000000000	1200232200	1 2 1 0 2 3 2 2 0 0	4 3 1 1 2 4 2 2 0 0	3 2 1 1 1 2 2 0 0	0 0 0 0	4 0 0 3 3 2 2 2	3 3 0 0 3 1 1 2	4 0 0 2 3 1 2 0 0	2 0 0 2 3 3 2 0	20023332000	20033330000	2012432000	4212522100	4423632100	4 4 2 3 6 3 2 1 0 0	3423632100	1 0 1 3 6 2 2 1 0 0	1 1 1 5 2 2 1 0	1 1 2 0 5 2 2 1 0 0	2 1 1 3 3 2 1 0
MEAN	2	2	2	2	2	2	2	3	2	1	2	2	2	2	2	2	2	2	3	3	3	2	2	2	2

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN NO 35003 MONTH OCT 73 STATION - ELMCREST ROAD, ETOBICOKE 24 MEAN 21 22 23 12 13 8 9 HOUR 2 3 4 5 6 7 8 9 10 22233\* 2 \* \* \* \* \* 3 5 12 13 14 15 16 17 18 19 20 \*\*\*\* 3 1 2 4 0 0 0 0 8 4 3 1 1 1 2 2 1 MEAN 

PERCENTAGE OF DATA VALID - 83

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
	FOCEOTANT WITHOUTH DIOXIDE GREEKEN															UNITS - PARTS PER HUNDREDMILLION											
	STATION - ELMCREST ROAD, ETOBICOKE NO 35003												MONTH NOV 73														
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
DAY 1 2 3 4 5 6 7 8 9	1 0 2 2 2 1 1 2 0 2	1 0 2 1 2 1 1 2 0 2	1 0 2 1 2 1 0 2 0 2	0 0 1 2 1 1 0 1	0 0 1 1 2 1 1 0 0 2	0 1 1 1 2 1 1 0 0	1 2 1 1 3 1 2 0 1 1	4	2 1 2 1	1 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 0	1 2 1 1 1 1 1 0 1	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 2 1 	1 3 2 2 2 1 0 1 0	1 2 3 2 1 2 2 1	2342213222	1 2 4 2 2 1 3 1 2 2	1 2 4 3 2 1 2 1 1 2	0 2 3 3 1 1 2 1 1 1 1	0223112101	1 2 2 3 2 1 2 1 1 1	0233112122	1 2 2 2 2 1 1 1 1 1 1		
11 12 13 14 15 16 17 18 19 20	2 1 0 0 2 1	1 0 0 0 2 0	0 2 0	1 1 3 0	1 1 2 0	1 0 0	1 2 2 1 1 0	2	1	0	3 - 5 -	-	DATA DATA DATA	MISSI MISSI MISSI MISSI	ING - ING -	1 2 1 2 2	1 3 1	1 2 3 1	2 3 1	3 3 2	0 4 3 1	0 **** 4 3 1 ****	2 3 1	0 3 1	2 2		
21 22 23 24 25 26 27 28 29 30													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING - ING -												
MEAN	41	4	4	4	9	H	4	2	14	1	*	1	1	- 1	- 1	1	2	2	2	2	2	2	2	2	1		

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION STATION - ELMCREST ROAD, ETOBICOKE NO 35003 MONTH DEC 73 HOUR DAY 1 2 3 4 5 6 7 8 9 1.1 12 13 14 15 24 MEAN DATA MISSING 12 13 14 15 16 17 18 19 20 2 2 1 1 1 1 1 1 1 0 1 1 1 0 0 0 1 0 1 1 0 0 2 1 Ó 22 23 24 25 26 27 28 29 30 1 3 0 3 1 1 0 1 0 2 1 0 2 1 1 2 0 2 2 1 1 2 1 1 0 0 1 1 1 1 0 0 2 0 2 1 0 2 1 

2 2

3 4

2 2

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2 ....

PERCENTAGE OF DATA VALID - 59

MEAN

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - ELMCREST ROAD, ETOBICOKE NO 35003

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MIS	SING	
FEB	22	2	5	9
MAR	25	3	6	10
APR	28	4	7	12
MAY	31	4	8	14
JUN	30	4	8	16
JUL	30	3	5	14
AUG	31	3	5	8
SEP	28	2	4	9
OCT	31	2	5	10
NOV	1.6	1	2	4
DEC	21	1	3	5
YEAR	293	3	8	16

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MANAGE	MENT BRA	ANCH		
MONTHLY G	ROUP FREQUE	ENCY CLASSIFI	CATION FOR	73						
POLLUTANT	- NITROGEN	N DIOXIDE-SAL	TZMAN		UNIT	- PARTS PER H	UNDREDMIL	LION		
STATION -	ELMCREST F	ROAD, ETOBICO	KE I	NO 35003						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20 21	&OVER	TOTAL		
JAN		DATA MISSING								
FEB	134	205	90	8	0	0	0	437		
MAR	151	124	165	53	0	0	0	493		
APR	83	174	189	82	10	0	0	538		
MAY	7 6	254	238	100	1.1	2	0	681		
JUN	103	205	239	100	2	3	0	652		
JUL	154	274	158	37	1	1	0	625		
AUG	243	274	147	20	0	0	0	684		
SEP	254	248	99	5	0	0	0	606		
OCT	277	244	7.7	25	0	0	0	623		
NOV	210	111	5	0	0	0	0	326		
DEC	240	189	12	0	0	0	0	441		
YEAR	1925	2302	1419	430	24	6	0	6106		
FREQUENCY	DISTRIBUT	ION BY PERCEN	TILES							
	PERCENT			FRECUE	CONCENTRAT					ARITH
	OF DATA VALID	MIN	10 30		70	ION, PERCENT 90 95	98	99	MAX	MEAN
	7.6									

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN MONTH JAN 73 STATION - MEMORIAL PK. CORNWALL NO 56051 21 22 23 24 MEAN 1 2 3 9 10 11 14 15 HOUR DAY 1 2 3 4 5 6 7 8 9 0 1 1 2 3 1 4 5 6 6 7 8 9 0 1 1 2 3 1 4 5 6 6 7 8 9 0 1 1 2 3 2 4 5 6 6 7 8 9 0 1 1 2 3 2 4 5 6 7 8 9 0 1 1 2 3 2 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 4 5 6 7 8 9 0 1 1 2 3 0 0 0 0 0 0 0 0 0 ň ŏ 0 0 0 0 0 0 1 1 1 0 0 0 0 13 0 0 4 0 7 3 7 0 12 - DATA MISSING -3 .... .... .... .0 . . . 2 5 4 3 5 4 2 5 10 3 4 5 5 3 6 4 9 3 4 5 1 4 1 4 4 4 3 ... 4 .... .... 3 2 2 3 

3 3 4 3 3

PERCENTAGE OF DATA VALID -

MEAN

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																								
	POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION																								
	STATI	PK.C	RNWA	LL		N	560	51	MONTH FEB 73																
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3	3 7	2 5	2 5	2 5	1 6	1 6	1 7	7	1 6	1 7	7	11	DATA	10 MISSI MISSI	10 ING -	5 1 4	3 8	7 8	7 7	7	7 6	7 6	6 6	6 1 2	8
4 5 6 7 8 9	6 7 7 4	8 7 7 3	7 8 6 3	6 7 6 3	3 7 6 3	3 8 6 3	3 8 7 3	3 9 8 4	2 9 8 4	2 2 7 4	2 3 9 4 3	2694	10 4 3	11 5 3	1 8 1 2 3 3	2 6 13 3 5	2 2 2 3	4 20 3 5	4 6 17 5 5	4 8 17 4 5	6 8 17 4 4	10 16 4 5	7 8 13 4 3	5 7 8 4 4	6 11 5 4
10	3	3	2	2	2	2	3	3	3	3		3	20.0	2000	2					0000					
11 12 13 14 15 16 17 18 19 20	3 3 2 4 2 0 0 1 0 1	3 4 2 4 5 0 0 0 0	26246000001	2 5 2 5 4 0 0 1 0 1	2525400001	2 5 3 4 4 0 0 0 1 1	2 5 3 4 3 0 0 1 1	2 7 3 13 3 1 0 1	14 4 1 0 0 2	2 6 0 4 1 0 0 1 4	310023	3100123	2 3 2 0 1 1 1 3	2 2 4 2 0 1 1 1 4	2 1 3 3 0 1 1 2 4	2 1 3 3 1 1 2 3 3	2 2 2 0 1 2	3 5 5 1 0 0 2 2 3	4 5 4 1 2 1 2 2	5 5 5 2 2 1 2 2	4 5 5 1 1 1 2 2	4 5 4 1 1 1 2 ****	4 6 4 0 1 1 1 2 2 3	4 6 4 1 1 1 2 2 3	4 3 5 3 1 0 1 1 2
21 22 23 24 25 26 27 28	2 2 2 1 2 0	1 3 2 0 2 1 0	1 3 2 1 5 1	1 2 1 1 8 1 1	2 2 1 0 7 3 1	2 1 1 1 6 1	2 1 3	1 2 3 1 3	2 1 4	2 2 1 1 3 0	2 1 1 1 2 0 0	1 1 2 0 0	1 0 1 0 1	1 0 1 0 1 0 1	5 1 0 1 0	4 2 0 1 0	3 1 0 1	2 1 0 2 0 2	2 1 1 2 0 2	2 1 1 3 0 2	3 3 1 3 0 2	3 3 1 3 0 1	1 3 1 3 0	2 2 2 2 3 0 1	2 2 1 3 0
MEAN	3	3	3	3	3	3	3	4	3	2	2	3	3	3	3	3	2	3	4	4	4	4	4	4	3

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN STATION - MEMORIAL PK, CORNWALL MONTH MAR HOUR DAY 1 2 3 4 5 6 7 8 9 5 6 7 14 15 5 5 DATA MISSING MISSING MISSING MISSING 2 \*\*\*\* 0 0 DATA DATA 0 0 MISSING MISSING 7 1 14 29 7 11 8 6 10 10 7 6 10 8 6 11 15 10 5 4 5 5 4 8 29 7 8 5 12 5 5 10 10 8 7 

PERCENTAGE OF DATA VALID - 35

MEAN

						ONL	AHIU	WINTS	SIHY	UF	IHE I	INVIH	OMMEN	- AI	H IVI	ANAGEN	IEIN I	DHAIN	<b>ν</b> Π						
	POLI	LUTAN	T - N	ITROG	EN DI	OXIDE	-SALT	ZMAN					UI	NITS -	PAR	TS PEF	HUNE	DREDMI	LLION	ı					
	STA	TION	- MEM	ORIAL	PK,C	ORNWA	LL		NO	5605	5.1		M	ONTH A	PR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3	3 0 2	4 1 2	5 2 2	2 2 0	2 2		0	2	3	1 3 ****	1 2	1 2	1 5 	3 6	3 6	3 5 • • • •	1 5	0 5 0 0 0 17	1 6 0 0 0 0	1 8	3 8 • • • •	3	3 2	0 2	2 3 ***
5 6 7 8 9	3 1 3	2 3 3	* * * * * * * * * * * * * * * * * * *	0 0 0 0 1 2 2 2	1 3 2		9 - 2 e 1 2 1	0 3 1	1 1 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 4 3 · · · 3 · ·	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		MISSI MISSI 1 2 0 4	NG - 1 1	1 0 2	0 0 1	0 0 1	1 0 2	2 4 2 ****	1 5 3	5 4 4 ••••	4 3 5 • • • •	3 1 4 ••••	1 2
11 12 13 14 15 16 17 18 19	1 0 2 1 8 2 1 2	0 2 0 3 2 1 2	0020	0 0 1 0 1 1 1 3	00000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	001000000000000000000000000000000000000	00100	0 0 1 0 0 2 1 3	000100000000000000000000000000000000000	001100011111	0 0 1 0 0 0 1 1 1 1 1 2 2	0 1 0 0 1 1 1 DATA	1 1 1 0 0 0 0 MISSI	2 2 0 1 3 0 0 0 1 2 1 NG -	1 2 0 0 1 3 1 2 1	1 2 0 0 1 2 1 2 2	1 3 0 1 2 1 2 3	2 2 1 3 1 3 4	324 28236	2 2 8 4 5 2 3 7	225	324	1 2 3 3 12 2 1 2	1 1 2 0 0 2 2 2 2 3
21 223 24 25 267 228 230	1 3 17 0 0 0	**** 1 2 13 0 0 0	2 9 0 0 0 0 0	2 6 0 0 0	* * * * * * 1 5 0 0	* * * * * * * * * * * * * * * * * * *	* * * * * * * * * * 1 7 * * * * *	6 8 8 8 6 6 6 6 8 8 8 8 8 8 8 8 8 8 8 8	**************************************	200000000000000000000000000000000000000	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	200000000000000000000000000000000000000		MISSI MISSI 0 3 1 0 1 1 0		0 3 1 0 0 1	1 4 1 0 0 1	1 3 1 0 1 1 0	1 3 1 0 1 0 0	1 3 6 1 1 1	2 3 9 2 1 1 1 3	2 3 23 2 0 1 0 4	2 3 23 20 1 0 4	2 3 2 1 0 0 0 4	3 5 3 ****
MEAN	2	2	2			- 1	4	4					- 1			1	1	4	2	3		4	A.	3	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

						0										W W TOLK		DI 17440							
	POLI	UTAN	T - N	ITROG	EN DI	OXIDE	-SALT	ZMAN					U	VITS -	PART	TS PEF	R HUND	REDMI	LLION	1					
	STA	TION	- MEN	ORIAL	PK,C	ORNWAI	LL		N	0 560	51		MC	NTH N	AAY	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	4 1 3 1 0	3 2 2 1 0	2 2 1 0 0	2 3 0 1	2 0 0 0	1 4 1 0	2 8 1 1 0	1 15 1 1 0	****	1 0 0 1	1 0 0 1 1	1 0 0 1	1 1 0 1	0 1 0 1	1 0 1 1	1 2 1 1	1 2 1 1	1 1 1 0	3 1 1	4 2 1 1 0	3 1 0	2 6 1 0	2 4 1 0	3000	2 3 1 1
6 7	0	0	0	0	0	0	0 2	0 2	***	00	0	0	0	0	0	0	0	0	!	2	6	2	0	ō	0
10	2	1	1	2	2	2	3	2		4	7	10	10	6	5 4 0	4	5	5	5 4 8	3	3 2 3	1	1	1 2	4 2
11 12 13 14 15 16 17 18 19	2 1 1 0 1 1 2 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 0 1 1 2 0 2	1 1 1 1 0 1 1 1 2 0 3	1 1 1 1 1 1 2 0 2	1 0 0 0 1 1 2 0 2	1 0 1 1 1 1 3 0	0 1	0	1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 1 2 4 0	1 1 0 0 1 3 7	1 1 1 1 3 8 1	1 1 0 0 1 1 2 5 1	1 1 1 1 1 3 1 1	1 1 1 1 2 3 1 1	2 1 1 1 1 2 3 1 2	1 0 0 1 1 2 3 1	1 1 0 0 1 1 1 2 4 1 1 1	2 1 1 1 1 2 2 4 0 2	1 1 1 1 2 2 3 0 2	1 1 0 0 1 2 2 1 0 1	1 1 0 1 1 1 0 1 1 2	1 1 0 2 1 1 0 1 2	1 1 1 1 2 3 1 1
21 223 24 25 26 27 28 29 30	2323254133	1 2 1 4 2 4 4 1 2 3	1 2 1 4 3 3 3 0 1	1 2 2 4 2 3 2 1 2 4	1 1 2 3 2 3 1 1 1 2	1 1 2 2 1 1 1 2 2	1 2 2 1 2 2 1	1 2 2 1	1	1 2 1 3 2 3 1 1 1 2	1 1 2 3 2 3 1 2 2 1	1 1 2 3 2 2 0 2 2 1	2 2 1 3 3 1 0 3 3 1	2 1 1 0 3 3 1	1 1 1 2 2 1 0 5 2	1 1 1 2 2 2 0 7 1 3	2 2 2 3 2 1 1 5 3 5	2 2 2 2 1 1 1 2 7	3422211527	3 3 3 1 2 8 2 4	3 11 3 5 3 1 3 7 2 3	16 35 4 1 2 4 2 3	13 4 4 4 2 1 3 2 6	3534531325	24232213223
31	0.0.00		0 0 0	0000	0000			0 0 0 0	0 0 0 0	0000	0006	0000	1	0 0 0 0	1	1	1	1	1	1	1	0	0	0	••••
MEAN	2	2	1	2	1	1	2	2	1	1	1	2	2	1	1	2	2	2	2	3	3	2	2	2	2

PERCENTAGE OF DATA VALID - 89

						ONT	OIRA	MINIS	TRY	OF T	THE I	ENVIR	NMENT	- AIR	MA	NAGEME	NT E	BRANC	Н						
	POLI	UTAN	T - N	ITROG	EN DI	OXIDE	-SALT	ZMAN					UNI	TS -	PART	S PER	HUND	REDMI	LLION	į					
	STAT	ION	- MEM	ORIAL	PK.C	ORNWA	LL		N	5605	51		MON	тн ји	N	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8	1 6 2 9 5 2 2 3	1 5 2 9 5 2 2 2	1 3 **** 2 8 5 2 1	0 2 2 7 4 2 1	1	1 1 6 2 2 2 2 2	1 1 2 3 7 2 2 2 2	1 1 2 6 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 2 4 3 2 2 2	2 1 1 5 2 2 2 2	2 1 1 6 1 2 2	2 1 1 4 2 2 2 2 2	1 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	21152122	21162122	21162223	1 1 2 5 2 1 2 3 3	1 1 2 4 3 2 2 2 2	22264223	6 7 9 3 3	7 6 6 4 2 3	5 6 5 2 2 3	3 7 3 2 2 4	22245222
10	2	2	2	2	2	2	1	1	0000	2	2	2	3	2	2	2	3	2	2	2	2	2	3	3	2
11 12 13 14 15 16 17 18 19	2 1 0 1 2 1 2 2	2 0 1 1 0 1 2 2 5	0 1 0 0 1 4 4	2 0 1 1 1 0 1 4 2	1 1 1 1 2 2 2	2 1 1 1 2 2 4 3	3 1 1 1 2 2 7 4	1 1 1 2 2 8	1 1 2 2 7 3	2 0 1 0 1 3 2 5 2	2 0 2 0 1 3 1 3 2	201023312221	2 1 1 0 1 4 1 2 2 1	2 1 0 0 2 4 1 2 1 1	20101141211	30112332221	301100112112211	3010121220	0 0 0 0 0 1 2 2 2 2 1	1 3 1 1 2 3 2 4 3	1 4 2 1 2 2 2 2 4 3	2 3 1 1 1 2 6 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 1 2 2 3 3 3
21 223 244 255 266 277 288 290	1 2 1 2 1 2 1 2 1 2	1 1 2 1 3 1 3 1 2	1 1 1 1 1 2 0 2 1	0 1 1 0 1 2 0 3 0	0 1 2 1 2 3 1 3 2	0 0 1 1 1 5 0 3 5	0 0 1 1 1 5 0 2 7	~	1 2 2 2 2 5 1	0 0 2 1 2 4 1	1 0 2 1 2 3 1 0	2 0 2 1 2 2 1 1 1 1 0 0	1021212400	1 1 2 1 2 1 2 3 0 0	1 1 2 2 2 2 2 3 1 0	1 1 2 2 3 1 3 3 2 0	1 1 2 2 3 2 4 5 3 0	1 1 3 2 3 2 3 4 3 1	2012224732	3 2 2 2 3 3 3 7 4	4 2 4 3 4 7 6	4 2 3 4 4 4 4 4 6	3 2 2 4 5 3 3 5 4 4		1 1 2 2 2 2 3 2 3 3 1
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	4	3	3	3	2

	POLI	UTANT	- NIT	ROGEN	DIOXI	DE - SA	LTZM	AN					U	NITS -	PAR	TS PER	R HUNG	REDMI	ILLION	N					
	STAT	TION -	MEMOF	RIAL P	K, CORN	WALL			NC	5605	51		М	ONTH J	JUL	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1 1	12	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	3 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 4	2020022462	1021032552	2131022562	1 1 3 2 1 1 0 2 2 6 6 6 3	1 1 2 0 3 2 7 9 4	1 1 2 3 0 4 2 8 1 0 6	2 0 1 3 * * * * 5 5 7 9 6	2 1 1 2 8 5 7 7	2 1 3 3 9 5 6 7 5	2 1 4 3 8 5 6 7 5	2 1 3 **** 4 10 5 4 7 5	2 1 3 ***** 4 10 4 4 6 3	3 1 3 4 8 4 5 5	4 2 3 **** 4 7 5 5 4 5	4 3 3 **** 4 6 5 6 4 5	4 4 4 * * * * 2 7 5 7 3 6	5 7 3 **** 2 6 5 7 4 4	7 8 3 3 7 4 7 4 4	7 8 4 * * * * 2 6 4 7 7 6	4 52 **** 2 5 5 6 13 7	3 4 2 ***** 3 4 5 6 8 6	* * * * * * * * * * * * * * * * * * *	3 2 3 2 6 4 6 7
11 12 13 14 15 16 17 18 19	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 5 2	3 4 1	3 3 2	3330	4 3 2	3 5 3	4 5 4	5 3 • • • •	4	4 5 ****	*	DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING -	3 4	3 5	35	4 5	4 5	10 4	11 4	13 5	11 3	5 4 ****
21 223 24 25 26 27 28 29 30									v				DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING - ING -										
31												÷	DATA	MISSI	ING -										
MEAN	2	2	2	2	2	3	3	4	4	4	5	4	5	4	4	4	4	5	5	5	6	6	5	5	4

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - MEMORIAL PK.CORNWALL NO 56051

POLLUTANT	NITROGEN DIOXIDE-SALTZMAN			UNITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN	23	4	12	62
FEB	26	3	11	20
MAR	15	4	10	29
APR	25	2	5	23
MAY	31	2	4	1.6
JUN	30	2	5	9
JUL	13	4	7	13
YEAR	163	3	12	62

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT -	AIR MANAGE	MENT BR	ANCH		
MONTHLY G	ROUP FREQU	ENCY CLASSIFIC	CATION FOR	73						
POLILUTANT	- NITROGE	N DIOXIDE-SAL	TZMAN		UNIT -	PARTS PER H	HUNDREDMI	LLION		
STATION -	MEMORIAL	PK . CORNWALL		NO 56051						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13 1	4 TO 20 21	&OVER	TOTAL		
JAN	128	80	7 1	31	6	7	8	331		
FEB	196	182	112	49	7	7	0	553		
MAR	93	49	71	33	7	8	4	265		
APR	274	144	40	9	3	Ĭ	3	474		
MAY	394	198	58	13	2	2	0	667		
JUN	239	304	73	19	0	0	0	635		
JUL	33	85	109	33	4	0	0	264		
YEAR	1357	1042	534	187	29	25	15	3189		
FREQUENCY	DISTRIBUT	ION BY PERCENT	TILES							
	PERCENT OF DATA VALID	MIN	10 3	FREQUE 0 50	CONCENTRATION OF THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL	ON. PERCENT	98	99	MAX	ARITH MEAN
	62	0	0 2 0	7 1 4	2 6 5	4 7 1	10 5	14.0	62	2.7

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN UNITS - PARTS PER HUNDREDMILLION NO 77016 MONTH FEB 73 STATION - ASH ST WATER TANK SUDBURY 23 24 MEAN 21 22 6 7 8 10 11 12 13 14 15 16 17 18 19 20 DATA MISSING 6 10 9 8 4 3 2 1 0000 0000 4 4 4 4 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING

4

2

3

UNITS - PARTS PER HUNDREDMILLION

PERCENTAGE OF DATA VALID - 5

POLLUTANT - NITROGEN DIOXIDE-SALTZMAN

6

MEAN

#### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	STA	TION	-	ASH	ST	WAT	ER	TANK	SUDBU	RY	N	7701	6		M	ONTH N	IAY	73									
HOUR	1		2	3		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	2	***	* * 2	1		g ~	- + g	- · · · · · · · · · · · · · · · · · · ·	~ + 300g		500 o 1	200 N	s 9 11	8 8 8	DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG -	2	2 1	1	1	1	1 2	2	2 3	4 3	0 0 0 0 1
11 12 13	3 3 0		2	0		0	0	1	0	0 0	0	000	0	0.00	0 0 0 0	0	0	0	0	0 0 0	0	0	1	3	2 2000 4	3	0
14	5		5	5		5	2	4	3	3	1	1 0	1 0	2	1	1 0	1 0	1	1 0	1	1	0 2	0	0	00	0	2
16 17		- 0 0		0	# 8.P	0	0		2		1111111	1000		0	0	0 2	0	0	0 0 0 0	0 00	0000	0000	0000	0000	0000	1	****
18 19 20	1			0	0 0 0		0	Č	0	0	0000	0 0 0	0 × 2 0	0	*****	0	1	1	1	1 0	ő	1	1 0	1 0	0	1	0 0 0 0
21 22	0	000	0	0		0	0		0 3	0	0 0 0 0	0	0	0	0 300	0	0	0	0	0	0	0	0	0 4	0 7	0 5	0
23	5 2 5		5 2 5	4		2	2		3	5 4	4 1	3 2	1 2	2	1	0	2	0	1	1	1	1	1	5	6	5	3 2
24 25 26	5 7		5 8	2 6		1 3	1	2	2	3 3	0000	2	1 2	2 2	2	2 MISSI	3 2	3	3	3	3	0000	0000	9999	0000	0000	3
27 28	0000	000	0 2				× 0 -	0.000		0000		1	2	2	DATA 1	M1551	.NG - 3	2	2	2	1 2	1 2	1 2	1 2	1 2	1 2	0000
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MEAN	2		2	2		1	3	- 4	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	1

						UNITA	110	m.L. e.r.	9.111.1	٠						20,20,30		-							
	POLL	JTANT	- NI	TROGEN	DIOX	IDE - S	SALTZ	MAN					U	NITS -	PART	rs PE	R HUND	REDMI	LLION	I.					
	STAT	ON -	ASH	ST WAT	ER TA	NK SL	IDBUP	Y	N	7701	6		MC	ONTH J	UN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	2 1 7 1 1 1 1 1 3	1 1 11 1 1 1 1 3	1 1 7 1 2 1 1 1 2 0	1 1 6 1 2 1 1 2 0	0 2 5 1 2 1 1 1	1 1 5 1 2 1 1 1	2 1 4 2 2 1 1 1 1 0	2 3 3 1 1 1 1 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 1 1 4 3 2 0	0 1 1 2 4 2 3 2 0 0	0 1 2 2 4 2 2 2 0 0	0122322200	0 1 2 2 3 2 1 ****	0 1 2 2 3 2 1	1 1 2 2 2 2 1 2 0 0	1 1 2 2 2 2 1 2 0 0	1 1 2 2 2 2 3 0 0	1 1 2 2 2 3 0 0	2 1 2 1 1 2 2 3 0 0	3 1 3 1 2 3 0 0	3 1 3 1 2 1 2 3 0	4 2 3 1 2 1 1 3 0 0	3 1 1 2 1 3 0	1 1 3 1 2 1 1 2 1 0
11 12 13 14 15 16 17 18 19	0 0 1	0 0 1	0 0 1	0 0 0	0 0 0	0 0 1	0 0 1	1 1 1	0 0 0 0 0 0 0 0 0 0 0 0	100	000		DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING -	0 2	0 2	0	0 1	0 1	0 1	0 1	0	0 1	0
21 22 23 24 25 26 27 28 29													DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING - ING -										

PERCENTAGE OF DATA VALID - 39

						ONT	ARIO	MINI	STRY	OF 1	THE E	ENVIR	ONMEN.	T - AIR	MANA	GEMENT	BRAN	СН						
	POLL	UTAN	r - N:	TROGE	EN DI	OXIDE	-SALT	ZMAN					UI	NITS - P	ARTS	PER HU	NDREDM	ILLIO	N					
	STAT	TION	ASH	ST W	ATER	TANK	SUDBU	RY	N	0 770	16		M	ONTH JUL	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16 1	7 18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9													DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING										
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21 22 23 24 25 26 27 28 29 30	5 2 4 2	3 2 4 3	3 1 3 1	1 1 2 0	1 0 0 1	1 1 0 1	0 0 0 0 1 2	3	0 0 0 0 0 0 0 0 0 0 0 0 2 0 0 0 0	0 1 2	0	0011	DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING		1	1 0 0 0 0 0 1 0 0 0	0000	0	1 2 1 2 2	3 3 1 3 ****	4 4 2 4	6 4 3 3	1 1 2

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - ASH ST WATER TANK SUDBURY NO 77016

POLLUTANT - NITE	ROGEN DIOXIDE-SALTZMAN			UNITS - PARTS PER HUNDREDMILLION
MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA	MISSING	
FEB	3	4	4	10
MAR		DATA	MISSING	
APR		DATA	MISSING	
MAY	22	1	3	8
JUN	13	1	3	11
JUL	8	1	3	12
YEAR	4.6	1	4	12

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 UNIT - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-SALTZMAN STATION - ASH ST WATER TANK SUDBURY NO 77016 00 TO 01 02 TO 03 04 TO 06 07 TO 10 11 TO 13 14 TO 20 21 &OVER TOTAL JAN DATA MISSING 0 0 36 FEB 8 13 9 6 0 DATA MISSING MAR APR 416 MAY 257 121 35 3 0 0 8.7 281 8 2 0 0 JUN 183 125 31 1.0 0 2 0 0 JUL 82 0 858 0 62 3 YEAR 530 252 1.1 FREQUENCY DISTRIBUTION BY PERCENTILES CONCENTRATIONS
DATA
FREQUENCY DISTRIBUTION. PERCENT
FALID MIN 10 30 50 70 90 95 98 99 MAX MEAN
29 0 02 0.5 0.8 1.4 2.9 3.9 5.5 7.2 12 1.5 PERCENT OF DATA

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION

	STAT	TION	- SI	MCOE	HORT	ICULTUR	AL S	STATION	NO	O 1600	1		М	ONTH JUI	N	73									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2		3	4	5 6		7 8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING	6666666666	16	17	18	19	20	21	22	23	24 MEA	N
11 12 13 14 15 16 17 18 19 20	1 2 1 1	1 2 1 2 1 1		1 2 1 2 1 1	1 2 1 2 2 2	2 1 2 2 1 1 2 2 2 2 1 1	7. 0.0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2	1 2 2 2 2 2 2	2 2 2 2 2 2 3		DATA	MISSING MISSING MISSING 2 3 2 2 2 2 2	3 -	1 2 2 1 2 3 2	0 2 1 2 2 2 1	1 2 2 2 1 0	2 2 1 1 1	* * * * * 2 2 1 1 0 0	3 1 1 1 0	1 3 1 2 1 0 0	3 1 2 1 1	0 * * * * 3 1 2 1 2 2 0	* 222221
21 22 23 24 25 26 27 28 29	1 2 2 2 2 0 1 0 1 2	1222201001	2	)	1 2 1 1 2 0 1 0 0 0 0 0	1 3 2 2 1 1 1 1 2 2 1 1 1 1 0 0 0 1 0 1		4 3 2 3 1 2 1 1 2 3 1 1 1 2 0 0 0 1 1 1 1	3 3 1 1 3 1 2 1	3 3 2 1 2 1 2 1 1	2 3 2 2 1 2 1 1	2 3 2 2 2 1 1 0	2 2 1 2 1 1 1 1	222122111111111111111111111111111111111	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 1 1 1 1 1 0 1 1 1	2 2 1 1 1 0 1 0 1 1 1	2 1 1 1 0 0 1 0 0 1	2 1 2 1 0 0 1 1 1	2 1 2 1 0 0 0 0 1 1	2 1 5 1 1 0 1 0 2 0	2 1 4 1 0 0 1 1 1 0	2 1 2 1 0 0 0 1 1 1 1	1 3	2 2 2 1 1 1 1 0 1 1

PERCENTAGE OF DATA VALID - 53

MEAN 1 1 1 1 1 1 2 2 2 2 2 2 2 2

						ONTAF	OIF	MINIST	RY	OF TH	HE E	ENVIR	ONMEN	T - AII	R M	ANAGE	MENT	BRANC	CH						
	POLL	UTANT	- NII	ROGEN	N DIO	(IDE-C	COULO	METRIC					U	NITS -	PAR	TS PER	R HUND	DREDMI	ILLION	V					
	STAT	ION -	SIMCO	E HOF	RTICUL	TURAL	STA	TION	NO	1600	1		M	ONTH JU	JL	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5	0 0	1 0 1 2	0 1 1 2	1 1 1 2	0 1 1 2	2 2 2	0 2 2 2	0 2 2 2	1 2 3	1 2 2 2	0 1 2 2	0 1 1	DATA	MISSIN	NG -	0	0000	****	0.0.0.0	0000		0000	1 0 0 0 0 0 0 0 0 0 0 0 0	1 0 	0 1 1
7 8 9												, , , , , , , , , , , , , , , , , , ,	DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN	NG - NG - NG -										
11 12 13 14 15 16 17 18 19 20	1 1 1 2 1 1 0 0	1 1 1 1 0 0 0 0	1 1 1 2 1 2 0 0	1 1 2 1 3 0 0 0 0	1 1 2 1 3 0 0 0 0	1 1 1 1 1 4 1 0 0	1 1 1 1 1 4 1 0 0	2	1 1 1 1 2	1 1 2 1 1 2 2 1 1 1 2 2	1 1 1 1 1 1 2	1 2 1 1 0 1 0	1 2 2 1 1 1 0 0 0 1	1 2 2 1 1 1 0 0 0	1 1 2 1 1 1 1 0 0 1	1 1 2 1 1 1 1 0 0 1	1 1 2 1 1 1 0 0 0 1	1 1 0 0 0 0 1	1 1 1 1 1 0 0 0 0 1	1 1 0 1 0 0 0 3	1 2 1 2 1 1 0 1 0 2	1 2 1 3 1 1 0 0 0	1 2 1 1 0 1 0 1	2 1 1 3 1 1 0 0	1 1 1 1 1 0 0 0 1
21 22 23 24 25 26 27 28 29	1 1 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 1 1 1 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 1	1 2 1 0 0 0 0	1 3 2 2 1 0 0 0 1	1 3 4 1 1 0 0 0 0 1	1 4 3 2 1 0 0 0	1 3 2 4 1 0 0 0 0 0 0 0	1 2 1 0 1 0 0 1	1 1 1 1 0 1 1 0 1	1 1 2 1 0 1 1 0	1 1 1 1 1 1 0 1 1 0 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 0 0 0 0 1	1 1 1 0 0 0 0 0 0	1 0 1 0 0 0 0 0	000000000000000000000000000000000000000	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	1 0 0 0 0 0 0	1 0 0 0 0 0 0	1 1 1 0 0 0 0 0 0 0 0 0
31	0	0	0	0	0	0	0	0	0	2	2	0.000	1	1	1	1	1	1	î	1	1	1	0	1	1
MC AN			2	. 5		a.	3																		

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH AUG 24 MEAN HOAT 2345677890 112345677890 22234567890 22234567890 1 1 0 0 % 0 0 0 0 0 0 0 1 DATA MISSING 2 2 

PERCENTAGE OF DATA VALID - 84

MEAN

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION																									
	POLLU	TANT	- NITE	ROGEN	DIOX	IDE-C	COULO	METRI	С				UN	IITS -	PART	TS PEF	HUNE	PREDMI	LLION	i						
	STATI	ON -	SIMCO	HOR	TICUL	TURAL	STA	TION	NO	1600	1		MC	NTH S	SEP	73										
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	1.2	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN	
1 2 3 4	3 2 1	2 1 2	2 2 1 2	3 2 1 2	3 2 2 2	3 2 2	4 2 2 3	4 2 2 4	4 2 3 3 3	3 2 2 3 2	3 2 2 3	3 2 2	2 1 2	2 1 1	2 1 1	1 1 0	0 0 0	1 0 0 0	1 0 0 0	2 0 0	2 0 0 0	2 1 0	2 1 0 0	2 1 1	2 1 1	
5 6 7 8 9	1 2 3 2 1	1 2 3 1	1 2 4 2 0	1 25 1 1 1	1 2 4 1	2 3 4 1	3 2 3 1 1	3 3 1 1 2	3 1 1 2	2 3 1 1 1 1 1	2 1 1 1 1	2 3 1 1	2 3 0 1 1	1 3 0 1 1	1 2 0 1 1	0 1 1	1 2 0 1 0 1	1 2 0 1 0	1 20 00 0	1 2 0 0 0 1	1 2 1 1 0	1 2 4 0 1	1 2 4 0 1	1 2 1 2	1 2 2 1 1	
11 12 13 14 15 16 17 18 19 20	1 0 1 1 2 0 2 1 1 0	1 0 1 2 2 1 2 1 2 0	1 0 1 1 2 1 2 1 2 0	1011202120	1 1 3 0 2 0 1 1	1 1 1 3 1 2 0 3 0	1 1 1 3 0 2 0 2 1	1 2 1 2 3 1 2 0 3	1 1 1 3 2 2 0 4	1 1 2 2 1 1 1 3 3	0 1 2 1 1 1 1 1	1 1 0 0 1	0 0 1 1 0 0 0 1	0 0 1 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 1 1 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	1 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 2 1 1 1	0 0 1 1 1 1 1 1 0	0 1 1 1 1 1 1 0 0	0 0 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
21 22 23 24 25 26 27 28 29 30	0 2 0 1 1 1 1 0 1	0 2 0 1 1 1 1 0 1	0 2 1 1 1 1 0 2 2	1 2 1 1 1 1 1 0 1 2	1 2 0 1 1 1 1 1 2 2	1 2 0 1 1 1 1 1 2 3	1 1 0 1 1 2 1 3 3	1 1 0 1 1 1 3 1 3	1 2 1 2 1 2 1 2 1 2	1 1 1 1 2 1 1 1 1 1 1 1	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 11 11 11 11	3 1 1 1 1 1 1 1	0 1 0 2 1 1 1 1 1 1 1	0 0 0 0 1 1 1 1 1 1 1 1 1	0 0 0 1 1 1 1 1 1 1 1 1	000000000000000000000000000000000000000	200111011111111111111111111111111111111	1 0 0 1 1 1 1 1 1 0	1 1 0 1 1 1 1 2 1 1 1	1 0 0 0 1 0 1 1 1	1 1 0 1 0 0 1 1 1	1 0 1 1 1 0 0 1 1	1 0 1 1 1 0 1 0 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
MEAN	1	19	9	9	1	2	2	2	2	2	3	1	14	1	1	1	0	1	1	1	1	1	1	1	1	

	POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION																							
								C				UN:	ITS -	PARTS	SPER	HUNDE	REDMIL	LION						
	STATI	ON -	SIMCOE	HOR	FICULTURA	L STAT	ION	NO	1600	1		MOI	NTH OC	T 7	73									
DAY	1	2	3	4	5 6 2 2	7 2	8	9	10	11 2	12 2	13 2	14	15 2	16 2	17 2	18 2	19 2	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9 10	1 1 0 0 2 1 1 1 1 1	1 0 0 0 1 1 1 1 1 1	1 0 0 0 2 1 1 2 2	1000012022	2 2 2 1 1 0 0 1 1 1 0 0 0 1 1 2 0 0 2 3 3 4	211012045	2222122146	2 2 2 1 3 7	3 1 1 1 2 3 1 3 5	1 1 2 1 2 6	2 1 1 0 1 2 1 2	1 1 0 1 2 1 2 5	2 1 1 0 1 2 1 1 4	1 0 1 2 1 1 3	2 0 1 1 1 1 3	2 1 2 0 2 1 1 1 3	1 0 3 1 1 4	1 1 1 1 1 2	1 0 2 1 1 1 2	0003	210121122	1 1 3 2 2 1 1 2	1 1 0 2 2 2 2 1 1 2	1 1 0 2 2 1 2 3
11 12 13 14 15 16 17 18 19	3 2 3 3 3 1 1 1 2	3233331112	4 2 3 3 4 3 1 1 1 2	3333431112	3 3 3 3 3 3 3 3 4 4 3 1 1 1 1 1 1 1 2 1	3 4 3 4 3 1 1 2	3 4 4 3 0 1 3	1		3 3 3 4 0 0 0 0 0	333334	3 3 3 4 0 1 2	3 4 3 3 4 0 1 2	3 4 3 4 1 0 1 2	3332310121	3332310121	3 3 3 2 3 1 0 1 2 1	3 3 3 3 1 0 1 2 1	3333310131	23333111331	233334111330	23333611121	2 3 3 4 1 1 1 2	33333421121
21 22 23 24 25 26 27 28 29	1 1 4 2 1 1 1 1 1 1 0	1 1 3 1 1 1 2 0	1 1 2 2 2 2 1 1 1 1 2 0	1 1 2 1 2 1 1 1 1 2 0	1 1 1 1 1 1 1 1 1 1 1 0 0 0	1 2 1 1 2 2 1 1 1 0	1 2 1 1 3 2 1 1 1 0	1 3 2 3 3 2 1 1	1 2 2 2 3 1 1 1 0	1 2 3 2 3 1 1 1 0	1 2 3 2 3 1 1 1 0	1 2 3 3 3 0	1 1 2 3 3 1 1 1 0 0	1 1 2 * · · · · 3 1 1 1 1 0 0	1 1 2 2 3 1 1 1 0 0	1 2 2 3 3 1 1 1 0 0 0	1 5 3 5 3 1 1 1 0 0	2 5 4 5 3 1 1 1 0 1	2545201101	2523211101	24332211102	2 5 3 2 2 1 1 1 0 3	1 3 2 2 2 1 1 1 0 2	1 2 2 2 2 1 1 1 1 0
31	2	1	1	1	1 1	1	7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MEAN	2	1	2	2	2 2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2

PERCENTAGE OF DATA VALID - 98

						ONTA	RIO	MINIS	STRY	OF	THE E	ENVIR	DNMEN	r - AI	R M	ANAGEN	MENT	BRANC	CH						
	POLL	UTANT	- NIT	ROGEN	DIO	XIDE-	COULC	DMETRI	C				UN	NITS -	PAR	TS PEF	R HUND	DREDMI	LLION	V					
	STAT	ION -	SIMCO	E HOP	RTICU	LTURA	L STA	ATION	NO	160	01		MC	N HTMC	OV	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 1 1 1 1 2 1 1	1 1 1 1 1 1 1 2 1	12111211	0 2 1 1 1 1 1 2 1 1	0 1 1 1 1 2 2 1 1 2 1	0 2 1 1 1 1 1 2 2 1 1	0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 1 1 1 2 1 1 2 1 1 1 1 1 2 1 1 1 1 1	1 2 1 1 1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1	2 1 1 2 3 1	2 1 1 1 1 4 1 1 1 1 1	2 1 1 1 4 1 1 1 1	2 1 0 1 1 3 1 1 1 1	0 2 1 0 1 1 2 1 1 1 1	0 1 1 0 1 1 2 1 1	0 1 1 1 1 2 1 1	1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 2 1 1 1 1 1	1 1 1 1 2 1 1 1 1 1	1 1 1 1 2 1 1 1 1	1 1 1 2 1 1 1 1	1 2 1 1 1 2 1 1 2 1 1 1 1 1 2 1 1 1 1 1
11 12 13 14 15 16 17 18 19	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 1 1 1 2 4 1	1 2 2 2 · · · · · · · · · · · · · · · ·	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 2 1 1 1 1 1 4 3	1 2 2 1 1 1 0 0 1 4 3	1 1 1 1 4 3	2211212134	2 3 2 1 3 1 2 2 4	1 3 2 1 2 1 2 2 2 3	1 1 1 2 4 6 5	1 3 2 1 1 1 2 3 2 2	2 3 2 1 1 1 3 3	23211113222	2321111322	1 3 2 1 1 3 1 3 1 2	1 3 3 1 1 1 3 1	2 3 3 2 1 1 3 1 1	2 3 2 2 1 • • • • • 3 3 1 1	1 2 2 2 1 3 3	1 2 1 2 1 4 3 1 2	2 3 1 2 1 3 3 1 3	2 3 1 2 1 ***** 3 3 1 3	2 3 1 1 1 3 3 1 3	1 3 2 1 1 1
21 22 23 24 25 26 27 28 29 30	3 1 2 4 1 2 2 2 1	3 1 2 4 1 1 2 2 1	3 1 4 1 1 2 2 1	3 1 1 4 1 1 2 2 1 1	3 1 1 4 1 1 2 2 1	3 1 1 4 1 1 2 2 1 1 1	3 2 1 4 1 1 2 2 1	3223112312	2223122312	22223122212	3 1 2	2123222212	2123122212	2223122	1 2 3 1 2 2 1	1 2 2 3 1 2 2 1 1	12231221	1323122110	122222110	1222222110	1122223110	1 1 2 1 2 2 3 1 1 0	1132222110	1 1 4 1 2 2 2 1 1 0	2223122211
MEAN	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	,		1	1	4	1	9	2	2	2

	POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH DEC 73																									
	STA	TION	- SIMO	COE HO	DRTICU	JLTURA	L STA	ATION	NO	1600	01			MON	TH DEC		73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	1	2 1	3	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	0 1 3 1 2 1 1 1 2 3	0 1 2 1 1 1 1 1 2 3	0 1 2 1 1 1 1 1 1 2 3	0 1 2 1 1 1 1 1 2 2	0 1 1 1 1 1 1 1 2 2	0 1 1 1 1 1 2 2	0 1 1 1 1 1 0 1 2 2	0 1 1 1 1 1 1 0 1 2 2	0 1 1 1 1 1 0 1 2	011111111111111111111111111111111111111	1 1 1 1 1 1 0 0 0 2			0 1 2 1 1 0 2 1	0 2 1 2 0 1 0 1 2	0 1 1 0 1 0 1 2 1	0 1 1 0 2 0 1 1 1	0 2 1 1 0 2 0 2 2 1	1 2 1 1 1 2 0 4 2 2	1 2 1 1 1 2 1 3 2 2	1 1 1 1 2 1 2 2 2 2	1 1 1 1 2 1 2 2 2 2	1 3 1 4 1 2 1 1 2	1 4 1 3 1 2 2 2 2 2	1 4 1 3 1 2 1 2 3 2	0 2 1 1 1 1 1 2 2 2
11 12 13 14 15 16 17 18 19	2 1 4 1 1 1	2 1 4 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 4 1 1 1 1 1 2 2	1 1 3 0 1	3 0 1	1 3 0 1	1 1 3 0 1	1 2 3 0 1	1 2 2 0 2		000	3 0 - DAT - DAT	A M	1 2 3 0  ISSING ISSING	00		1	1 3 3 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1	1	1	1 3 4 1 0 0 ***	2	1 1 1 0 0 0 0	1 2 3 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
21 223 24 25 26 27 28 29 30	3 2	***************************************	* * * ° 2 2	* = * * 2 2	2 3	***** 2 2	* * * * 2 2	1 2	2 2	2 2	2 2 2	0.00	- DAT - DAT - DAT - DAT - DAT	A M A M A M A M A M	ISSING ISSING ISSING ISSING ISSING ISSING ISSING	4 H H H H H	* * * * * 2 2	2 2	2 2 2 4 2 1 2	2 2 2	1 2 2	2 1 2	2 1 2	2 1 2	2 2 2	* * * * 2 2
31	2	2	2	2	2	2	2	2	3	3	3	0.0.0	0 0.0	0	2	2	2	2	3	4	4	4	4	4	5	3
MEAN	2	2	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	2	2	2	2	2	2	2	2

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF UNITE	DATA AVERAGE	2010	Transmission Laboration	
MONTH	DAYS OF VALID	DATA AVERAGE	CONC. 24 HOUR	MAXIMUM MAXIMUM	READING
JAN			DATA MISSING		
FEB			DATA MISSING		
MAR			DATA MISSING		
APR			DATA MISSING		
MAY			DATA MISSING		
JUN	17	1		2	5
JUL	25	1	,	1	4
AUG	29	Ĩ		3	4
SEP	30	1		2	5
OCT	31	2	4	4	7
NOV	30	2	3	3	4
DEC	21	2	3	3	5
YEAR	183	1	4	1	7

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MANA	GEMENT BR	ANCH		
MONTHLY G	ROUP FREQU	ENCY CLASSIFI	CATION FOR	73						
POLLUTANT	- NITROGE	N DIOXIDE-COU	LOMETRIC		UNIT	- PARTS PER	HUNDREDMI	LLION		
STATION -	SIMCOE HO	RTICULTURAL S	TATION	NO 16001						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL		
MAL		DATA MISSING								
FEB		DATA MISSING								
MAR		DATA MISSING								
APR		DATA MISSING								
MAY		DATA MISSING								
JUN	222	162	3	0	0	0	0	387		
JUL	474	7.1	4	0	0	0	0	549		
AUG	496	127	4	0	0	0	0	627		
SEP	513	152	11	0	0	0	٥	676		
OCT	388	296	46	1	0	0	0	731		
NOV	395	266	20	0	0	0	0	681		
DEC	245	163	21	0	0	0	0	429		
YEAR	2733	1237	109	1	0	0	0	4080		
FREQUENCY	DISTRIBUT	ON BY PERCENT	TILES							
	PERCENT OF DATA VALID	MIN	10 30	FREQUEN	CONCENTRA NCY DISTRIBU 70	TIONS TION, PERCEN 90 95	T 98	99	MAX	ARITH MEAN
	79	0	0.1 0	4 0 7	1 1	2 1 2 7	3 3	3 . 8	7	1 3

UNITS - PARTS PER HUNDREDMILLION

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC MONTH MAY NO 22031 STATION - NANTICOKE GS E 60 1.4 24 MEAN 1.1 DATA MISSING 

  PERCENTAGE OF DATA VALID

MEAN

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																								
	POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS E 60 NO 22031 MONTH JUN 73																								
	STAT	ION -	NANT	ICOKE	GS	E 60			NC	2203	1		MC	NTH J	UN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	2 1 3 1 1 1 1 0 1	2131111111	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1	1121211121	1 2 2 1 1 1 1 1 3 1	1 2 2 1 2 2 1 2 2 1	1 2 2 1 2 2 1	1 2 2 1 3 2 *****	1 2 2 1 3 2 2 1 2 1	1 2 2 1 2 2 1 2 1	1 2 2 1 1 1 2 1	2 1 1 1 1 1 1 1 1 1 1 2 1 1	2 2 2 1 1 1 1 1 1 1 1 1	2 1 2 1 0 1 3 4 3 4 1 1 1 1	1 1 2 1 0 1 1 1 1 1	1 1 2 0 0 1 1 0 0 1 2 2	2 1 2 0 0 1 1 1 0 1 1	1	0 0 0 0	1 2 2 1 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0	1 1 1 0 1 0 0 0 0 0 0 0 0	1 2 1 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
11 12 13 14 15 16 17	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	0 1	1 1 2	1 1 2	1 1 1 2	1 1 2	1 1 1 2 3	1 1 3	1 1 0 2 2	1 0 2	1 1 1 2	DATA 1 0 0 1	MISSI MISSI 1 0 0	1 NG - NG - 0 0 0		0 0 0 0 0 1	7 4 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0.0.0		0 1 1	0 0 1		1
19 20	1	1	3	3	3	2 3 2	3 2	3 2	2 2	2	2	1	2	1	1	1	o	9000	0000	0000	0000	0 10 10 10	0000	0000	1
21 223 24 25 267 289 30	0 1 1 2 2 2 2 1 0 1 2	0 1 1 1 3 2 1 0 1	0 1 1 1 3 2 1 1 1 1 1	0 1 1 3 2 1 1 1 1 1 1	1 1 1 3 2 1 1 2	1 1 1 3 2 1 1 1 2	1 1 3 2 1 1 1 1	1 1 1 1 4 2 1 1 2	1 2 1 1 2 2 2 1 2 1	1 2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 2 1 1 2 1 1 2 1	0 1 0 1 0 2 1 0 1 1	1 1 0 1 1 2 2 1 1 1	1 1 0 1 2 1 0 1 1 0 0	1 0 0 1 2 1 0 1 1 0	10000	000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0	0 0 1 1 0 0 0	201100011	0 0 1 2 2 0 0 2 2 0 0 1	00011200221	1 1 1 1 2 0 0 1 2 1	1 1 1 2 1 1 1 1 1 1 1 1
MEAN	1	7	1	1	1	1	1	2	2	1	1	1	1	1	0.	1	3	7	-1	31	1	1	-1	1	34"

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS E 60 NO 22031 MONTH JUL 73 HOUR DAY 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 MEAN - DATA MISSING -a. 2 3 2 0610 0000 2 2 1 1 1 2 2 1 0 0 0 1 1 0 0 0 0 0 0 0 2 1 1 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 ó 2 1 Ó 22 23 24 25 26 27 28 29 30 0 0 1 4 3 0 1 MEAN 

PERCENTAGE OF DATA VALID - 76

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS E 60 NO 22031 MONTH AUG 73																								
	POLLU	TANT	- NIT	ROGE	N DIO	XIDE -	COULO	METRI	3				UN	ITS -	PAR	TS PER	R HUN	DREDMI	LLION	ı					
	STATI	ON -	NANTI	COKE	GS	E 60			NO	2203	i			NTH A		73									
HOUR	it.	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	1 1 3 4 3 3 2 0	2 1 1 3 3 3 3 3 3 0 1	2 1 3 3 3 3 3 1	1 1 3 3 3 3 3 3 3 0 1	1 1 3 3 3 3 3 3 3 0 2	1 1 3 3 3 3 3 3 0 2	1 1 3 3 3 2 3 1 2	2 0 1 3 3 3 2 1 2	2013333112	2 1 1 3 3 3 3 1 1 2	2 1 3 3 3 2 1 0 2	1 1 2 4 3 2 1 0	1 1 1 2 4 3 3 1	1 1 2 4 3 3 3 1 0 2	1 0 1 1 3 2 2 1 0 2	1 0 1 2 1 2 1	0 0 1 1 2 1 1 1 2 2 1 1 2 2 2	0 0 1 1 2 2 1 1 1 2 2 2 2	1 0 1 1 1 1 1 1 1 1 2	1 1 1 2 1 0 1 1 0 1 1 0 1 1 0 1 1 1 1 1	1 1 2 2 2 1 1 1 1 2 2 2 2 1 1 1 2 2 2 2	1 1 3 4 2 1 1	2 1 3 5 2 2 1	1 1 3 4 3 3 2	1 1 3 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
11 12 13 14 15 16 17 18 19	222222222222222222222222222222222222222	222222222	22222222	2222224221	3223234222	3223234323	2223234422	3232233322	3222232322	32233222	322323	3223333	4 1 2 3 3 2 2 2 2 2 2 2 2	3 1 2 3 3 3 2 1	2 1 2 3 3 2 2 1 1	2 1 2 3 2 2 2 3 1 1	2 1 1 3 2 1 2 3 2	2113112220	2012102230	2013112340	2123212331	2233213230	22332223231	2233223230	2223223221
21 223 24 25 26 27 28 29 30	1 1 2 5 4 1 4 3	1 1 2 5 4 1 3 3	1 1 2 5 3 1 3 4	5 3 1 3 3 4	1 1 2 5 3 1 3 4	1 1 3 5 3 1 3 3 4	1 1 3 5 3 1 3 3	1 2 3 5 2 1 3 3 3	1 2 2 5 3 1 3 3	1 2 2 2 4 2 1 3 3 3 3 3	2 2 3 2 1 3 3 4	0 1 2 2 1 1 2 3 5	0 2 2 1 0 0 2		0 2 2 4 0 0 3 2	3	0 2 2 2 3 3	1 1 	3	0 2 1 3	0 3 4 2 3 2 3	0 2 3 3 3 2 3	1 3 5 3 0 3 2 3 1	1 2 5 4 1 3 3 3	1 2 2 3 2 2 3 3 3
31	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	1	2	2	3	3	3	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	2	2	2	2	2	2

UNITS - PARTS PER HUNDREDMILLION

STATION - NANTICOKE GS E 60 NO 22031 MONTH SEP 24 MEAN HOUR 1234567890 112345671890 22 23 24 25 26 27 28 29 30 1 2 1 1 2 1 

PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

						ONT	ARIO	MINIS	TRY	OF 1	THE E	NVIR	ONMEN.	T - A]	R MA	NAGEN	IENT	BRANC	H						
	POLL	UTAN	r - N	ITROGE	N DIC	XIDE	- COUL	OMETRI	C				U	NITS -	PART	rs PEF	HUND	REDMI	LLION	ı					
	STAT	ION	NAN	TICOKE	GS	E 60			NO	2200	3 1		M	ONTH C	CT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	2 2 2 5 1 0 2 0 0	2 2 4 1 0 2 0 0	3 2 **** 3 1 0 2 0 0 0	3 1 2 3 1 0 2 0 0	4 1 3 3 0 0 2 0 1	6 1 4 0 0 3 0 1	6 1 2 4 0 0 2 0 2 3	6 1 3 3 0 0 1 0 1 5	6 1 3 1 0 1 0 1 5	4 1 3 3 0 1 2	4 1 1 3 1 1 1 1 1 1 1 1	4 1 2 3 1 1 1 1 1	4 1 3 2 **** 1 1 1 1	4 1 3 2  1 1 1 1 	4 1 3 2 • • • • • • • • • • • • • • • • • • •	4 1 3 2 1 1 0 1 2	4 2 2 2 0 2 1 0 1 2	4 1 2 2 0 2 2 1 2 1	3 1 3 2 0 2 2 0 2 0	3022021010	3 0 4 1 0 1 1 0 1 0	30210111111	3021010011	2 0 4 1 0 2 0 0 1 2	4 1 3 3 0 1 1 0 1 2
11 12 13 14 15 16 17 18 19 20	2 1	3 1	4 1	000000000000000000000000000000000000000	4 0	1 0 2	4 0	0 1 1	4 1 21 1	5 1	1 1 1	1 1 1	DATA DATA DATA	MISS: MISS: MISS: MISS: MISS:	ING - ING -	0 2 1	2 	0 0 0 4 1	0 0 4 1	00031	00031	0 0 3 1	0 0 2 1	0 0 2 1	3 0 0 0 0 0 0 1
21 22 23 24 25 26 27 28 29 30	1 1 1 1 1 1 1 3 0	1 1 1 1 1 1 2 4 0	1 1 1 1 1 1 2 3 0	1 1 0 1 1 1 1 2 3 3	1 1 1 0 1 1 1 2 3	1 2 1 1 1 1 1 1 2 3 3 4 7 4 7 7	1 2 1 1 1 1 2 2 2 2 2 2 2 2 3	1 2 1 1 1 1 1 2 2	1 2 1 1 1 1 2 2 2	1 1 1 1 1 1 2 2	1 1 2 1 1 2 2	1 1 1 2 1 1 1 2 2 2 2 2 3 2 3 3 3 3 3 4 3 3 3 3 3 3 3	1 1 2 1 1 2 1 1 0 0 0 0 0 0 0 0 0 0 0 0	1 1 2 1 1 2 1 1 1 1 1 2 1 1	1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2 2 1 1 1 3 3	1 1 1 1 1 1 3 3 1	1 1 4 0 1 1 3 3	3 3 1 3 0 1 2 3 1	2 3 1 3 0 1 1 3 3 1	2 3 2 2 1 1 1 3 1 ****	2 2 1 2 0 1 1 3 1	2 2 2 1 1 1 1 3 0 0 ****	1 2 1 1 1 1 1 3 0	1 2 1 1 1 1 1 1 2 2 2
31	A * * *	0.0.0.0	* * * *	\$ \$ 5 E.	5 160	2000	0000	× g = 5	9.0 500	101101 15 0	G (1 - p)	* 81818	0	0	0	2	2	2	1	1	1	1	0	0	6 10 de 10
MEAN	ħ	1	1	4	Ą	2	2	2	2	2	1	2	1	ĩ	2	2	1.	2	2	1	1	1	1	1	1

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC STATION - NANTICOKE GS E 60 NO 22031 MONTH NOV HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 0 2 1 0 2 1 0 0 2 1 1 1 0 3 0 0 0 2 1 1 1 1 0 1 Ó 12 13 14 15 16 17 18 19 20 0 1 2 0 1 0 1 2 0 0 0 0 Õ ô 3 1 0 0 3 1 0 0 3 1 0 3 1 0 1 3 1 0 0 3 1 0 3 1 0 3 1 0 3 1 0 3 1 0 2 3 2 2 3 2 2 2 3 2 3 2 3 1 2 2 2 2 22 23 24 25 26 27 28 29 30 0 0 0 3 0 1 

PERCENTAGE OF DATA VALID - 89

MEAN

						ONTA	ARIO	MINIS	STRY	OF T	HE E	NVIR	DNMEN.	r - AI	R MA	NAGEN	MENT	BRANCI	н						
	POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION STATION - NANTICOKE GS E 60 NO 22031 MONTH DEC 73																								
	STAT	ION -	NANT	ICOKE	GS	E 60			NO	2203	1		MC	ONTH D	EC	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
DAY 1 2 3 4 5 6 7 8 9	2 4 2 1 2 1 0 3 3	23 1 1 2 1 1 3 4	2 3 2 1 2 0 0 3 4	2 3 1 1 2 0 0 3 3 3	1 3 1 1 2 0 0 3 2	2 2 1 1 2 0 0 3 2	2 2 1 1 2 0 0 3 3	2 2 1 1 2 0 1 3 2	2 2 1 1 1 1 1 4	24 1 1 1 1 1 4 2	2 3 1 1 1 1 1 3 1	2 2 1 1 1 0 1 3	1 1 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 3 2 1 2 2 1	1 1 3 2 1 1 1 1 2 1	1 2 2 2 1 1 1 0 1 1 1 1	1 2 2 2	2 2 2 2 1 1 4 1	2 2 2 6 1 2 2 4 1 1	2315122221	2 3 1 4 1 2 1 2 2 1	2 3 1 4 2 2 1 2 2 2 2	2 4 1 3 2 2 1 3 2 2 2	2 * 4 2 2 1 2 1 3 2 2 2	2 2 2 1 1 2 2 2 2
11 12 13 14 15 16 17 18 19	2 1 4 2 3 5 4 0 2 3	1 1 3 2 3 5 4 1 3 4	1 1 3 2 2 4 4 0 4 4	1 1 3 1 2 4 3 0 5	1 1 4 1 1 4 2 0 5	1 1 4 1 1 4 2 0 5	1 1 3 1 2 4 2 0 5	1 2 4 0 2 4 2 0 4 5	1 2 3 0 2 3 3 0 3 4	3 1 2 2 3 0 2 4	1 4 1 3 2 3 1 1 1 3	1 4 1 2 2 3 0	4 1 2 3 2 0 2 4	1 2 1 1 3 2 0 2 4	1 2 4 1 1 0 2 4	1 2 4 1 2 3 1 0 2	1 2 5 1 3 4 1 0 1 4	1 2 4 1 4 3 1 2 1	1 2 4 3 4 2 1 1 2 4	1 2 5 3 3 1 1 2 4	1 3 4 2 3 4 0 1 2	1 4 4 2 3 4 1 1 3 2	2 4 4 1 3 4 0 1 3 2	1 4 3 2 4 5 1 1 3 2	1 2 4 1 2 4 2 0 3 4
21 22 23 24 25 26 27 28 29 30	1 1 2 3 3 0 0 1 2 1	1113300121	1 1 1 4 3 0 0 0 0 1	1 1 4 3 0 0 0 1 1	0 1 2 3 3 3 0 1 1 1 1 1	0 1 2 3 1 0 1 1 1 1 1	0 1 2 3 1 0 1 0	0 1 2 3 1 0 1 0 1 0	0 1 2 2 1 1 1 1 1 0	0 1 2 2 2 1 2 1 1 1 1	0 1 2 2 1 2 1 2	0 1 0 2 1 2 0 1 1	1 1 0 2 1 1 1 2 0	1 1 1 1 1 1 1 2 0	1 1 0 1 1 1 1 1 0 0	1 1 1 1 1 1 1 2 0	1 1 2 2 1 1 1 1 1 1 1 0	1 1 2 1 1 1 1 0	1 1 2 1 1 1 1 0	1 1 1 3 1 1 2 1 1	1 1 2 3 1 1 1 1 1	1 1 2 3 0 1 1 1 1 1 1 1	1 1 2 3 0 1 1 2 1	1 2 3 0 1 1 2 1 1	1 1 1 2 1 1 1 1 1
31	1	1	1	0	0	1	1	2	2	3	0.7.0.0	$\widetilde{u}_{i}(w)\widetilde{u}_{i}:=$	2000	0.0.0.0	3	4	3	3	4	4	4	4	5	5	3
MEAN	2	2	2	2	2	2	2	2	2	2	2	1	2	1	1	2	2	2	2	2	2	2	2	2	2

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - NANTICOKE GS E 60 NO 22031

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MI	SSING	
FEB		DATA MI	SSING	
MAR		DATA MI	SSING	
APR		DATA MI	SSING	
MAY	2	1	1	3
JUN	28	1	2	4
JUL	30	1	2	5
AUG	31	2	3	5
SEP	30	2	4	5:
OCT	27	1	4	6
NOV	30	. 1	3	4
DEC	3 1	2	4	6
YEAR	209	1	4	6

		ONTARI	O MINISTRY	OF THE	ENVIRONMENT	- AIR MANAGE	MENT BRA	ANCH		
MONTHLY G	ROUP FREQU	ENCY CLASSIF	ICATION FOR	73						
POLLUTANT	- NITROGE	N DIOXIDE-CO	ULOMETRIC		UNIT	- PARTS PER H	UNDREDMIL	LION		
STATION -	NANTICOKE	GS E 60	1	NO 22031						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20 21	&OVER	TOTAL		
JAN		DATA MISSIN	G							
FEB		DATA MISSIN	G							
MAR		DATA MISSIN	G							
APR		DATA MISSIN	G							
MAY	23	13	0	0	O	0	0	36		
JUN	462	134	1	0	0	0	0	597		
JUL	456	111	4	0	0	0	0	571		
AUG	215	422	43	0	0	0	0	680		
SEP	273	378	5.1	0	0	0	0	702		
OCT	377	151	4.0	0	0	0	0	568		
NOV	499	137	10	0	O	0	0	646		
DEC	378	248	85	0	0	0	0	711		
YEAR	2683	1594	234	0	0	O	0	4511		
FREQUENCY	DISTRIBUT	ON BY PERCE	NTILES							
	PERCENT OF DATA VALID	MIN	10 30	FREQUEI	CONCENTRAT NCY DISTRIBUT 70	IONS ION, PERCENT 90 95	98	99	MAX	ARITH MEAN
	76	0	0 2 0	5 0.8	1 5	2.6 3.0	3.7	4 0	6	1.5

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION

	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		(0.30-0.00)				OOLON						0,	11.0	1 240		in Holde	I IL DINII I	LLIOIT						
	STATI	ON -	1/2 N	IL W F	HWYS 6	5/2 JA	RVIS		NO	22032	1		MC	NTH I	MAY	73									
HOUR DAY 1 2 3 4 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11	  	DATA DATA DATA DATA DATA DATA DATA DATA	MISS MISS MISS MISS MISS MISS MISS MISS	ING - ING - ING - ING - ING - ING -		17	18	19	20	21	22	23	24 M	EAN
11 12 13 14 15 16 17 18 19													DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING -										
21 22 23 24 25 26 27 28 29 30	0	1	1	ĭ	1	2	3	3	3	2	2		DATA DATA DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI	ING - ING - ING - ING - ING - ING -		2	1	2	2	í	1	1	,	2
31	1	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	1	1	1	1	1	1	2	2	2
MEAN	1	2	2	2	2	2	3	3	3	3	3	3	3	3	2	2	2	1	2	2	1	1	2	2	2

PERCENTAGE OF DATA VALID - 6

								1.110								W. C.		Ditirile							
	POLLU	TANT	- NI	TROGE	N DIO	XIDE-C	OULOM	ETRI	C				UN	ITS -	PAR	TS PER	HUNE	REDMI	LLION	ı					
	STATI	ON -	1/2	ML W	HWYS (	6/2 JA	RVIS		NO	2203	2		MO	NTH .	JUN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	1.1	1.2	13	1.4	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7	2 3 4 2 2 2 2	2 3 4 2 2 2 2	2 2 4 2 2 3 2	2 3 4 2 2 2 2	2 3 4 3 3 3	2 3 5 2 3 3 5	3 4 5 2 3 4 4	3 4 5 2 4 3 4	3 4 6 2 5 4 5	3 4 4 2 5 4 5	3 3 2 4 4	3 3 3 3 3	2 2 3 3 2	2 1 2 2 3 2	1 1 1 2 3	2 1 1 2 2	1 0 1 1 0 2	1 0 1 1 0 2	1 0 2 0 0 2	1 2 2 0 0 2 2	2 2 2 0 0 2	2 2 2 1 1 2 2 0 0 0 0 1	3 2 1 1 1 2 2 2 1	3 2 1 1 2 2 2	2 2 3 1 2 3
10	1	2	•	1	1	1	1	1	1	1	1	1	1	į	1	1	1	0	0	1	1	1	į	1	1
11 12 13 14 15 16 17 18 19	1 1 2 3 1 2 1 1	0 0 1 1 2 2 1 2 1 1	000000000000000000000000000000000000000	0 0 1 1 1 2 1 3 2 1 1	0 0 2 1 1 2 1 4 2	2 0 1 1 1 2 1 3 3 2 2	1 0 2 2 2 2 2 4 3 2 2	1 0 1 1 2 2 2 3 2 2 3 2 2	1 0 1 1 2 2 2 2 2 2 2	1 0 1 1 2 2 2 3	1 1 1 2 2 2 3	1 1 1 1 2 1 2 2 2 3	0 1 1 1 1 1 2 2 1 2	0 1 1 1 1 1 1 1 1	0 1 1 0 1 1 1 1 1 1 1	0	2 0 1 1 1 1 1 0 0 0	1 0 0 0 2 1 1 0 0	1 0 0 1 1 1 1 0 0	1 0 1 2 1 1 1 0 0 0	2 0 2 3 1 1 1 1	3 1 2 1 1 2 1 1	2 1 4 2 1 2 1	1 1 3 4 1 2 1 2	1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0 2 2 1 1 3 2 0 3	0 2 2 1 1 2 2 1 2	0 2 1 1 3 2 1 2	1 1 1 3 2 1 2	2 4 1 1 3 3 3 1 2	3 1 1 3 3 3 2 3	4 3 2 1 3 4 3 2 3	2 3 1 4 4 4 3 3 3	3	3	3	3	1 1 1 1 2 2 2 2	1 0 1 1 2 2 2 2 2 2	1 0 1 1 2 2 1 2	0 0 1 1 1 1 1 1 1 1 1 2 0 7	0 0 1 0 5 1 1 1 1	000000000000000000000000000000000000000	0 0 0 1 0 1 0 1 0 0 1	0 1 1 0 0 0 1	1 1 3 1 1 0 2	3 0 2 1 2 2 0 3	1 1 1 3 2 0 3	2 3 1 1 3 2 0 3	1 1 1 2 2 2 2 2 2
MEAN	2	2	2	2	2	2	3	2	3	2	2	2	2	1	1	1	1	1	1	1	1	2	2	2	2

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION

STATION - 1 2 ML W HWYS 6/2 JARVIS NO 22032 MONTH JUL 73

10 12 15 24 MEAN 11 13 16 DATA MISSING 0001 0001 0000 0 0 0 001 0 0 1 0 002 001 0 0 1 31 0 MEAN 0 0 'n 0 0 0 0 0 1

PERCENTAGE OF DATA VALID - 14

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

ONTARIO	MINITETRY	OF	THE	ENVIDONMENT	ATD	MANAGEMENT	DDANICH

UNITS - PARTS PER HUNDREDMILLION

	STATI	ON -	1/2	ML W	HWYS 6	2 JA	RVIS		NO	2203	2		MON	ITH AL	JG	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	1.2	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9	1 1 0 1 3 2 2 1 0 0	1 1 0 1 2 1 1 2 0 0	0 1 0 1 1 1 1 1 0 0	1 1 0 0 1 1 1 1 0 0 0	1 1 0 1 1 1 1 0 0	1 0 1 1 1 1 2 1 0 0	1 1 1 1 2 1 1 0 1	1 1 1 1 1 1 0	1 1 1 1 1 1 0 1 1	1 1 1 1 1 1 0 1	1 1 1 1 1 1 1 2 0 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1	0 0 1 1 1 0 0 1	1 0 1 0 1 0 0 1 0 0	1 0 0 0 0 0 0 0	100000000000	1 0 0 0 0 0 0 0 0 0	1 0 1 0 1 4 1 1 0 0	1 0 1 1 3 5 2 1 0	1 0 1 1 3 4 2 1 0 1	1 1 1 1 3 1 0 0	1 1 1 2 1 3 1 0 0	1 1 1 1 1 1 1 1 0 0 1
11 12 13 14 15 16 17 18 19	0001101011	0 0 0 1 1 1 0 1 1	0 0 1 0 1 1 1 1	00000011101	0000012101	0 0 1 1 0 1 2 1 0 1	000110012112	1 0 1 1 0 1 2 1 1 1	1 0 1 1 2 2 1 1 1	1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1 0 1 1 1 1 0 0	1 0 0 1 1 1 1 0	001111110	0 0 0 0 1 1 0 0	0 0 0 1 1 1 1 1 0	0000011100	0000001100	0 0 0 1 0 0 0 0	0 0 1 0 0 0 1 1 1	0010001000	0000000100	0000000001100	0 0 0 1 0 0 1 1 1	0 0 0 1 0 1 1 1 1 1 1 1
21 22 23 24 25 26 27 28 29 30	0010220020	0 0 1 1 0 1 1 0 0	0 0 1 1 0 0 1 0	0000100020	0 0 1 0 0 0 1 0	0010200011	0 0 1 1 0 0 0 1 1	001011011	0 1 0 1 1 0 1 1	2 1 0 0 0	1 1 00 1	0 1 0 1 0 0 0	0 1 0 0 0 0 1	0 0 0 1 1 0 0 1	0 0 0 1 0 0 0	0 0 0 1 0 0 0 0	000010000000000000000000000000000000000	0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 0 0 0	0 0 0 3 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 3 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1 0 3 1 1 0 1 3 2	0 0 0 2 2 1 0 1 1 2 2	0 0 0 2 3 0 0 2	0 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0
31	0	1	1	4	2	2	ž	4	1	2	2	1	1	1	1	1	0	0	0	2	1	2	2	2	1
MEAN	1	1	1	0	1	1	Ť	1	1	Ť	1	1	1	1	0	0	0	0	0	4	1	1	1	ï	4

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION MONTH SEP STATION - 1/2 ML W HWYS 6/2 JARVIS NO 22032 24 MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 12 13 14 15 16 17 18 19 20 1 0 ó ó 22 23 24 25 26 27 28 29 30 1 1 0 1 1 0 1 1 

PERCENTAGE OF DATA VALID - 96

MEAN

						ONT	ARIO	MINI	STRY	OF 1	HE E	NVIR	DUMEN.	T - AI	R M	ANAGEN	MENT	BRAN	CH						
	POLL	UTANT	- N	ITRO	GEN DI	OXIDE	- COUL	OMETR:	C				UI	NITS -	PAR	TS PER	HUNE	DREDM	ILLION	1					
	STAT	ION -	1/2	ML I	W HWYS	6/2	JARVI	S	N	2203	2		M	O HTMC	CT	73									
HOUR	1	2	3	9	4 5	5 6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4	1 0 0	2 0 0	000	)	1 1	) (	0 0	2 0 0	2 0 0	2 0 0	1 0 0	0	DATA	MISSI MISSI	NG -	1 0	000	0 0 0 0	0 0 0 0	00000	**************************************	000	0 0 0	0	1 0
6	5006	000	0.00	3(6.)	0.00	1983	6000	2.8 4.8	0.0.00	8.477	2	2	2	M1331	0	Fig. 1.	1	4	5	4	2	2	2	0	0000
7 8	0	0	0	)	1 1		- co d	5.015(6	0 1 0 0	2	2	2				0	0000	0000	0 : 0 0	0000	0 0 0	0 * * 0	0	****	0 4 0 0
8 9 10	0	0	0	1			0	0	1	1	1	0	X 5 g	2 - 9. 8	1	1	0000	0000	0000	* * * * O	0	0	0	0	0
11													34				^								
12 13 14 15 16 17 18	1 0	ò	ó	,	i d		i i	i	i	i	1	2 2 3 3	DATA DATA DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG - NG - NG -	વ્યવસાય	1000		0.00	****	0	0	0	***	0 n 6 6
20												9	DATA	MISSI	NG -										
21 22 23 24	0.00.00.0		18 G 19 K	<b>M</b> to th			0 0 0	0000	0000	0.0.0.8	5.6.6		DATA	MISSI MISSI MISSI	NG -		5	7	5	6	7	5	4	3	
21 223 244 256 27 28 29 30	3 1 2 3 4	3 1 2 2 4	3 1 2 3 4	3	1 1 2 2 2 2 2 3 3	1 1 2 2 2 2 3 3 3		5 2 2 3 2	4 2 2 3 2	5 2 2 3 3	5 2 2 3 3	5 2 2 3 2		2 3 MISSI	5 1 2 3 NG -	6 1 2 3	4 0 2 4	3 0 2 4	3 1 2 4	3 1 2 <b>4</b>	3 1 2 3	3 1 2 4	3 1 3 4	2 1 3 4	1 2 3
31													DATA	MISSI	NG -										
MEAN	1	1	1		1 1	1	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	1	1	1	1

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION

	STAT	ION	- 1/2	ML W	HWYS	6/2	JARVIS	3	NO	2200	32		M	ONTH N	VOV	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	1 3 3 3 3 3 2 3	1 3 3 3 3 3 2 2 2 3	1332323	1332323233	133232	032233323	1 3 3 3 3 3 3 3 3	0333333314	1 3 2 3 3 2 1 4	1 3 2 3 3 2 3 4	032 323 424 4	1 3 2 2 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1 3 2 3 3 3 4 ******	00 33 22 33 33 4	0 3 2 2 3 3 3 3 5 1 NG -	3223333	3 2 2 3 3 3 3	0 3 3 3 3 4 4 4	03323364 *****	03323364 ***	0 3 3 3 3 3 4 3 0 ***	0 3 3 3 3 4 4 4 ***	1 33 33 34 4 4	1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 2 3 3 3 3 3
11 12 13 14 15 16 17 18 19	****	* * * * * 2 3 1	* * * * 2 3 2	**** 1 3 3	* * * * 2 3 3	* * * * * 1 2 2	****	**** 1 **** 2	**** 1 **** 2	**** 2 ****	**** 2 4 1	0 3 4	DATA DATA DATA	MISS MISS MISS MISS MISS 1 1 2 2	ING - ING - ING -	1 1 1 2	1 1 1 2	1 1 2 3	2 1 1 3	2 1 1 3	2 0 1 4	2 0 1 5	2 0 1 5	3 1 2 5	1 2 3
21 22 23 24 25 26 27 28 29 30	5 1 1 5 2 3 4 4 5 3	5 1 1 5 2 3 4 3 5 3	5 1 1 5 2 3 3 5 2	6 1 1 6 2 3 3 3 5 2	51 05 23 4 25 1	5 1 0 5 2 3 3 2 4	5 1 1 4 2 3 2 3 4 0	5 1 1 3 2 3 3 4 4 0	4 1 3 2 3 3 5 4 0	4 3 4 3 5 4	4 1 3 5 5 6 4 1	5 1 **** 5 3 6 **** 5 3 1	41 24 35 35 35 30	4 2 1 4 3 4 2 5 3	3 1 0 4 3 3 1 4 3	2 1 0 3 3 3 1 3 3 3	2 1 2 4 3 3 2 4 4 3 3	3 3 2 3 3 4 2 4 3 3	2 3 1 2 3 3 2 4 2 2	2 2 1 1 5 3 1 4 3	2 1 3 1 6 3 3 4 3	2 1 4 1 5 3 3 4 3	2 1 4 1 4 4 3 4 3 3	1 1 5 1 3 4 4 4 4 3	4 1 2 3 3 4 3 4 4
MEAN	3	3	3	3	3	2	2	2	2	3	3	3	3	3	2	2	2	3	3	3	3	3	3	3	3

PERCENTAGE OF DATA VALID - 67

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEM	ENT BRANCH

						OH	MILLO	MITINIC	5 17.11	OI .		TINVITO	CHAINETA		i inte	MANUE	CIVI	DITALI	2.0						
	POLI	LUTAN	T - N	ITROG	EN DI	OXIDE	- COUL	OMETRI	C				U	NITS -	PART	rs PER	HUND	REDMI	LLION	l					
	STA	TION	- 1/2	ML W	HWYS	6/2	JARVI	S	NO	2200	32		M	ONTH DE	С	73									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11		DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	IG - IG - IG - IG - IG -	16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19	0 6 0 0	*****	e e a a	3	9 m s 3	n s w .	1000		3	3 3	3	9 9 9	DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN 2	IG - IG - IG - IG - IG -	5	4	4	3	3.	4	4	4		9 0 8 0 0 0 8 9
21 22 23 24 25 26 27 28 29 30	6 1 3 2 2 2	6 1 3 2 2 3	6 1 3 2 2 4	6 0 2 3 1 4	5 O 2 3 1 3	5 0 1 3 1 4	4 1 1 3 1 3	2 1 0 3 0 2	2 1 1 3 1 2	· · · · · · · · · · · · · · · · · · ·	2 2 3 3 1 2	2	DATA DATA 1 2	MISSIN MISSIN MISSIN 1 1 1 3 0	IG -	0 1 1 2 0	2 0 1 1 2 0 1	2 0 1 1 	3 0 2 1 * * * * 1 1	4 1 2 1	5 1 2 1 ****	5 1 3 1 **** 2	6 2 3 1 ****	6 2 3 2 3	2 1 2 3 1 2
31	0	0	1	0	0	0	0	1	2	2	3	* 4 6 6	4000	0000	4	4	4	4	5	5	5	5	6	4	3
MEAN	3	3	3	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2	2	2	3	3	3	3	2

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 1/2 ML W HWYS 6/2 JARVIS NO 22032

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MI	SSING	
FEB		DATA MI	SSING	
MAR		DATA MIS	SSING	
APR		DATA MIS	SSING	
MAY	2	2	2	3
JUN	29	2	3	6
JUL	5.	1	1	3
AUG	31	Ť	1	5
SEP	30	1	i	3
OCT	16	1	4	7
NOV	23	3	4	6
DEC	10	2	3	6
YEAR	1.46	1	4	7

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT -	AIR MANAGE	MENT BR	ANCH		
MONTHLY	GROUP FREQU	JENCY CLASSIFI	CATION FOR	73						
POLLUTAN	T - NITROGE	EN DIOXIDE-COU	LOMETRIC		UNIT -	PARTS PER H	UNDREDMI	LLION		
STATION	- 1/2 ML W	HWYS 6/2 JARV	IS N	22032						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13 1	4 TO 20 21	&OVER	TOTAL		
JAN		DATA MISSING								
FEB		DATA MISSING								
MAR		DATA MISSING								
APR		DATA MISSING								
MAY	17	31	0	0	0	0	0	48		
JUN	347	240	43	0	0	0	0	630		
JUL	103	3	0	0	0	0	0	106		
AUG	668	50	3	0	0	O	0	721		
SEP	648	46	0	0	0	0	0	694		
OCT	173	82	32	2	0	0	0	289		
NOV	111	274	102	0	0	0	0	487		
DEC	7.5	81	36	0	0	0	0	192		
YEAR	2142	807	216	2	0	0	0	3167		
FREQUENCY	/ DISTRIBUT	ION BY PERCENT	ILES							
	PERCENT OF DATA			FREQUE	CONCENTRATIO	ONS				
	VALID	MIN	10 30	FREQUEN 50	ICY DISTRIBUTIO	ON. PERCENT 95	9.8	99	MAX	ARITH MEAN

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC UNITS - PARTS PER HUNDREDMILLION STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 MONTH JAN 17 18 DATA MISSING DATA MISSING 2 2 2 2 2 2 2 DATA MISSING DATA MISSING 2332221\* 3 3 2 2 2 1 3 2 DATA MISSING DATA MISSING DATA MISSING 3 5 1 2 

PERCENTAGE OF DATA VALID - 56

MEAN

								MINIS		OF 1	THE E	:NVIR		T - AIF		ANAGEN		BRANC								
	POLLU	JTANT	- N	ITROGEN	DIC	XIDE	-COUL	OMETR:	C				U	VITS -	PAR	TS PEF	HUNE	DREDMI	LLION	ı						
	STATI	ON -	67 (	COLLEGE	ST	TORO	NTO O	AMST	NO	3100	1		M	ONTH FE	ЕВ	73										
HOUR DAY	1	2	3	4	5	6	7	8	9	1.0	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	552221 2352	4 5 2 1 1 2 2 4 2	4 1 2 1 1 2 1 3 2	4 4 1 1 1 1 2 1 3	4 3 1 1 2 2 3 1	5 4 1 2 2 1 2 3 1	4 1 2 2 1 2 2 1 2 3 1	4 1 2 2 2 2 2 4 1	4 1 2 3 2 2 4 1	4 1 2 3 2 2 4 1	4 1 2 3 2 2 2 4 1	4 2 2 2 1 2 4	851 221 264 1	7 5 2 2 2 2 2 2 5 3 1	7522222531	8522232531	8 5 2 2 3 3 2 5 4 1	852233354 1	752333354 1	7 4 2 3 2 3 3 4 3 1	64222335531	6 4 2 1 2 2 3 5 3 1	6321223421	5321 23352 1	6422222431	
11 12 13 14 15 16 17 18 19	1 2 8 2 3 3 4 3 5	1 2 8 2 3 3 3 3 4	1 2 8 1 3 3 4 3 4	1229133434	1 2 2 7 1 2 3 4 2 4	1 1 2 6 1 2 3 4 2 4	1 2 2 4 1 2 3 4 3	1 2 2 4 2 3 3 4 3 4	12233333355	12232333355	1 2 3 3 2 3 3 3 3 5 5	1 2 7 2 2 3 3 3 3 5	1 2 8 2 3 3 3 3 5	1283	1283433445	1 2 7 3 4 3 3 4 5	2 7 3 4 3 4 5	2 2 7 3 4 3 3 4 5 4	2 2 7 3 4 4 5 5	22734344555	2 2 8 3 3 3 4 4 4 4	2283333344	2283333354	2293334354	125433334444	
21 22 23 24 25 26 27 28	4 2 4 4 5 6	4 2 4 4 5 6	5 2 4 4 5 6	4 1 4 3 5 6	4 1 4 3 • • • •	4 1 4 4 5 6	4 1 4 4 5 6	4 2 5 4	4 2 5 4 6 8	3 5 3 5 3	3 3 3 5 5 7	3 6 2 - 5 4 7	3 2 9 0 DATA 4 3 7	3 2 6 MISSIN 4 4 7	3 3 4 VG - 4 4 7	3 3 4 ••••	3 3 4 • • • • • • • • • • • • • • • • • • •	3 4 4 5 5	3444	3 4 6 ****	3 4 6 7 8	3 4 6 7 7	3 4 6 7 7	3 4 5 * * * * * 6 7 7	3 3 5  5 	
MEAN	3	3	3	3	2	2	3	2	3	2	ä	2	4	ď		4	4	4		A	Ä	4	4		3	

						Con the state of		11415	23.3	OF: I	THE C	HATHO	AME IA I	- A1	H MA	MAGEM	ENI	BHANC	7						
	POLLU	TANT	- NI	TROGEN	DIC	OXIDE-CO	ULOM	ETRIC	1				UN	ITS -	PART	S PER	HUND	REDMI	LLION						
	STATI	ON -	67 C	OLLEGE	ST	TORONTO	OAM	ST	NO	3100	1			NTH N		73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	/EAN
1 2 3 4 5 6 7 8 9	6848435433	6 8 4 8 4 3 3 4 3 3	7948333332	7 9 3 7 2 3 3 3 4 2	7 9 3 7 2 3 3 3 3 2	7 9 3 7 2 3 3 3 3 3 2	6 8 3 7 2 4 3 4 3 2	6 9 3 7 3 5 4 4 3 3	6 9 3 7 3 5 4 5 3 3	7 4 5 3 5 3 5 3 5 2 4	7 7 4 4 3 6 4 5 2 4	7 6 4 3 3 5 4 5 2 5	7654354426	7 7 6 4 3 5 5 2 2 6	8 7 6 4 3 5 5 5 2	9 7 7 4 3 5 6 2 3 5	9 6 7 4 3 5 5 5 3 5 5	9 6 7 4 3 7 4 3 4 6	9 5 7 4 3 6 4 4 4 6	9 5 7 4 3 6 4 4 4 6	8 6 7 5 3 4 3 4 5	8 5 7 4 3 4 3 3 5	8 5 8 4 3 5 3 3 4 5	8484354335	7 7 5 5 3 5 4 4 3 4
11 12 13 14 15 16 17 18 19 20	5324233114	5 4 1 4 2 2 3 1 1 3	53042221133	5303312112	5 2 0 2 3 1 1 1 1 2	4 2 0 3 3 1 1 1	4 3 1 2 3 2 2 1 2 2	4 3 2 3 3 3 2 1 2 3	4333332133	4 3 4 3 4 3 1 3 3	4 3 3 3 4 3 3 1 2 3	4 2 3 3 3 1 2 2	4 2 4 3 5 3 3 1 2 3	4 2 3 5 3 4 1	4 2 3 4 3 4 2	4 2 3 2 3 3 3 2 3	3242343233	3242343233	3242332234	3332332234	3333332244	4232332244	3232332244	3 2 3 3 3 2 2 4	4 3 2 3 3 3 2 1 2 3
21 22 23 24 25 26 27 28 29 30	4 5 5 5 9 4 4 6 7 5	4 4 5 5 8 3 3 6 7 6	4 4 5 5 8 3 3 5 6 5	4355823556	4 3 4 5 7 2 3 4 5 5 5	3346423355	4346324455	4 4 7 4 4 4 5 5	4 4 5 7 4 5 4 6 5	4 4 5 6 5 4 3 4 6	3 4 5 5 5 5 4 3 4 5 5 5	35573333455	4	5 6 3 4 5 7 5	3555334586	4564324586	4 5 7 4 3 3 4 5 9 6	4 5 5 6 3 3 5 5 8 7	4 4 5 6 4 6 6 8 7	5 4 5 7 5 4 6 6 8 7	5566656786	55666646776	4 5 6 6 6 6 6 6 7 5 6	4567446756	4 4 5 6 5 3 4 5 6 6
31	6	6	6	6	4	4	3	3	4	4	4	5	5	6	6	6	7	5	5	5	4	4	4	4	5
MEAN											-	100								- 1					3

PERCENTAGE OF DATA VALID - 98

						ONTAR	IO	MINIST	RY	OF T	HE E	NVIR	ONMEN	IT - A	IR M	ANAGEN	MENT	BRANC	Н						
	POLLU	JTANT	- NI	TROGEN	DIC	XIDE - C	OULO	METRIC					U	NITS	PAR	TS PER	HUNE	REDMI	LLION	ĺ					
	STATE	ON -	67 C	OLLEGE	ST	TORONT	O 0A	MST	NO	3100	1			ONTH		73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	1.1	12	13	14	15	16	1.7	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	4 3 3 4 4 3 3 2 2	3 3 4 2 4 3 3 3 3 3 3	3 3 4 1 3 3 3 2 3	3335132223	2335132213	2 2 2 4 1 3 2 2 2 3	2323132234	2433233224	2533243224	2543243223	2 4 4 2 4 3 2 2 3	4 2 2 5 3 2 2 3	23553263224	632522	3 6 3 2 3 3 2 4	2 3 6 3 2 3 4 3 3 4	2363234334	2363234334	3363334 434	335344433	2 3 5 3 4 5 5 4 3 3 3	3243555422	3253455422	325344422	33432433223
11 12 13 14 15 16 17 18 19	2 3 3 5 6 9 3 6 7 3	2 4 3 5 5 5 9 2 5 7 3	2335692663	1235682663	1324682552	2 3 2 5 6 8 2 6 4 2	2335683742	2 4 3 5 5 8 4 8 4 2	3 3 3 5 4 7 4 8 5 2	2 3 3 5 4 7 3 9 5 2	2 2 2 4 4 3 6 5 2	2 2 3 4 6 3 7 5 2	2234554642	23455454	2224654553	2234664443	2334665553	2344676653	23 <b>4</b> 4657753	3 3 4 4 6 4 6 7 6 4	2 3 4 5 6 3 6 7 5	3 3 5 6 7 3 6 6 4 5	3 5 7 8 3 7 6 4 5	3 3 5 7 9 3 6 7 4 5	2335664653
21 22 23 24 25 26 27 28 29 30	4 4 3 3 3 3 3	3 4 2 2 2 2	3 4 1 2	5 3 1 2	5 3 1 2	5 3 3 2 1	6 2 3 2 2	7 2 4 2 2	7 2 5 2 1	5 2 5 2 1	5 2 4 2		DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI	NG - NG - NG -	8 2 4 1	6 1 5 2	4 1 6 2	4 2 5 1	3 2 4 2	3 3 4 3	3 3 5 4	3 5 4	3753.	5342
MEAN	4	4	3	3	3	3	3	4	4	4	3	3	3		3	4	4	4	4	4	4	4		,	à

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO DAMST NO 31001

POLLUTANT - NITROGEN DIOXIDE-COULOMETRIC

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	22	2	3	5
FEB	27	3	7	9
MAR	3.1	4	7	9
APR	25	4	6	9
YEAR	105	3	7	9

		ONTARIO	MINISTR	RY OF THE	ENVIRONMENT	- AIR MANAGE	EMENT BRA	ANCH		
MONTHLY G	ROUP FREQUE	NCY CLASSIF	CATION FO	DR 73				*		
POLLUTANT	- NITROGEN	DIOXIDE-COL	JLOMETRIC		UNIT	- PARTS PER H	HUNDREDMIL	LION		
STATION -	67 COLLEGE	ST TORONTO	OAMST	NO 31001						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20 2	1 &OVER	TOTAL		
JAN	86	276	56	0	0	0	0	418		
FEB	7.8	282	199	49	0	0	O	608		
MAR	31	282	339	8.1	0	0	0	733		
APR	21	309	216	32	0	0	0	578		
YEAR	216	1149	810	162	0	0	0	2337		
FREQUENCY	DISTRIBUTIO	ON BY PERCEN	TILES							
	PERCENT OF DATA			FREQUE	CONCENTRA	TIONS TION, PERCENT				ARITH
	VALID	MIN	10	30 50	70	90 95	98	99	MAX	MEAN
	81	0	1.0	2.0 2.7	3.6	5.5 6.5	7.5	8.0	9	3.5

UNITS - PARTS PER HUNDREDMILLION STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 MONTH FEB 24 MEAN DATA MISSING 22 23 24 25 26 27 28 DATA MISSING 3 4 3 1 3 4 4 3 2 4 5 4 4 3 3 5 5 3 3 

PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

 

						ONTARI	0	MINISTR	Υ (	OF TH	HE E	NVIRO	MENT	- AI	R MA	NAGEM	ENT I	BRANCE	4						
	POLLU	TANT	- NI	TROGEN	DIC	XIDE - CH	EMI	LUMINES	CENT	r			UN]	TS -	PART	S PER	HUNDI	REDMI	LION						
	STATI	ON -	67 C	OLLEGE	ST	TORONTO	OA	MST	NO	31001			MON	тн м	AR	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	MEAN
1 2 3 4 5 6 7 8 9	4 6 6 7 4 2 4 4 4 4 4 2	4 7 3 8 4 2 3 4 4 2	5 7 3 6 3 2 2 3 4 2	5 7 2 6 1 2 2 3 5	5726122341	5 6 2 6 1 3 2 3 4 1	4626233442	4 7 3 6 2 4 3 5 4 3	4826343533	5 3 4 2 4 3 5 3 4	5633243524	5 6 3 3 2 4 4 6 2 4	5 5 4 3 3 4 4 4 2 5	5 6 4 3 3 4 4 3 5	6 5 3 4 5 3 2 5	6653245324	6553245335	6564254335	6464254436	6 4 6 4 2 5 4 4 3 5	6464243435	6 4 6 4 2 4 3 4 3	6 4 6 4 2 4 3 4 3	6 3 6 4 2 4 4 4 3 5	5 6 4 5 2 4 3 4 3
11 12 13 14 15 16 17 18 19	4 4 2 4 2 3 2 1 1 3	5 4 1 4 2 2 2 1 1 3	5 4 1 4 2 2 1 1 1 2	5 3 1 3 2 1 1 1 1 2	4 3 1 3 2 1 1 1 1 2	4 3 1 3 2 1 1 1	3 3 1 3 2 2 1 1 1	4 4 2 3 3 2 2 1 2 2	3433332023	3334432122	3 3 3 4 3 2 1 2 2	4 2 3 3 2 2 1 1 2	4 2 4 3 3 3 1 1 2		4 3 3 2 3 2 3 1	4 2 3 2 3 3 3 1 2 3	3 2 4 2 2 4 3 1 2 3	3342243123	3 3 4 2 2 3 2 1 2 3	3 3 4 2 2 3 2 1 3 4	4 3 4 2 2 3 2 1 3 4	4 3 4 2 3 3 2 1 3 4	3 2 3 2 3 2 2 1 3 4	3 2 4 2 3 2 1 1 3 4	43333322123
21 22 23 24 25 26 27 28 29 30	4 3 5 5 9 4 3 4 6 5	4356832455	4255832445	4245722345	3246622244	3 2 4 6 3 2 2 2 4 4 4	3 3 6 3 3 3 4 4	4 4 8 4 4 3 3 5 4	3 4 4 6 4 4 2 2 5 4	3 5 5 5 5 2 2 2	3335432254	3 3 3 6 2 3 2 2 4	3335332355	335333354	3354323375	4364323375	43643333375	4346334485	4 3 4 6 4 3 4 3 7 5	4 4 5 7 6 4 5 4 7 5	4 5 6 6 6 4 5 5 7 4	4 4 6 6 6 6 3 5 6 8 4	4566535654	3 4 6 8 4 3 4 5 5	4 3 5 6 5 3 3 6 5
31	5	4	5	5	3	3	2	2	3	3	4	5	4	5	6	5	6	5	5	5	4	3	3	3	4
MEAN	4	4	3	3	3	3	3	4	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - PARTS PER HUNDREDMILLION STATION - 67 COLLEGE ST TORONTO DAMST MONTH APR 73 NO 31001 16 17 18 19 20 21 22 23 24 MEAN HOUR DAY 14 15 DATA MISSING DATA MISSING 2 2 2 2 1 2 1 3 4 3 2 3 4 5 6 7 8 9 4 4 1 2 1 2 3 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 

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PERCENTAGE OF DATA VALID - 90

ONTABLO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

PERCENTAGE OF DATA VALID -

MEAN

	ONIANIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - PARTS PER HUNDREDMILLION																								
	POLLU	TANT	- NIT	ROGEN	DIC	XIDE-CH	EMIL	UMINE	SCEN1	Ē			UN:	ITS -	PART	S PER	HUNDI	REDMI	LION						
	STATI	ON -	67 CC	LLEGE	ST	TORONTO	OAM	ST	NO	3100	i		MON	итн ма	ΔY	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1.5	16	17	18	19	20	21	22	23	24 N	AE AN
1 2 3 4 5 6 7 8 9	1522244242	1 5 1 2 1 4 5 4 4 3	1 5 1 1 2 4 5 3 3 2	1 4 2 1 1 4 5 2 3 1	1522144222	1522145333	25222455534	2523245544	25331344455	3432133444	3 4 3 3 1 2 2 4 4	3424123443	3 4 2 2 1 2 2 4 3 4	3 4 2 2 1 2 2 4	3423132324	4 4 2 3 1 2 2 5 2 3	4 3 2 2 1 3 2 5 2 4	4323132423	5322142452	5322252343	5322352355	5322352335	5322352433	5 3 2 2 3 4 2 4 2 3	3 4 2 2 2 4 3 4 3 3
11 12 13 14 15 16 17 18 19	4 3 1 1 4 4 2 2 3 7	4 3 1 1 5 3 2 2 3 8	2 2 0 1 5 2 3 2 3 8	2 1 0 1 4 1 2 2 2 7	3 2 0 0 4 2 2 2 2 7	4 1 0 1 2 3 2 2 2 6	4 1 0 2 3 3 3 3 2 4	4 1 0 2 4 3 3 3 1 3	2102432323	2 1 0 3 4 3 2 2 1 2	2 1 0 1 4 3 2 2 3 2	1 0 1 4 3 2 2 3 1	1	1 1 4 3 3 0 2	1 1 3 5 3 3 1 2 1	1 1 1 2 5 3 3 2 2 1	2 0 1 3 4 3 2 2	20123344241	2 1 1 3 4 3 4 2 5 1	2 1 1 3 3 2 4 2 5 2	2 1 1 3 4 2 3 3 6 2	3 1 1 4 3 2 3 3 9 3	3 1 1 4 4 2 3 3 9 3	4 1 1 4 5 2 3 3 8 3	3 1 1 2 4 3 3 2 3 3
21 22 23 24 25 26 27 28 29 30	3294323142	2 1 5 4 2 2 2 1 2 1	1 0 4 3 1 2 3 1 1	0 0 4 3 1 1 2 1 1 2	0 1 3 3 1 1 2 1 2 1	1232112132	1232322343	1 2 5 3 3 3 4 4 4	1 3 4 2 3 3 2 4 4 5	0 1 4 2 3 3 1 3 4 2	0 1 4 2 2 3 1 3 4 3	0642232322	0 4 2 3 2 3 1 4 3 3	0 3 3 3 2 1 6 3 3	0 4 5 3 3 3 1 5 2 3	0 4 5 3 3 1 6 2 4	1 5 5 3 4 3 1 7 2 4	1 4 3 3 3 3 3 1 8 2 3	1 4 3 3 3 3 3 2 6 2 3	2433332624	3 9 3 3 3 3 2 2 7 2 4	3 10 4 3 3 2 2 4 2 4	3 8 4 3 4 3 2 5 2 4	3 9 5 3 3 3 1 5 2 4	1 4 4 3 3 2 2 4 3 3
31	4	4	4	3	4	4	4	4	4	3	2	3	3	3	3	4	4	5	4	4	4	5	6	6	4
MEAN	3	3	2	2	2	2	3	3	3	2	2	3	2	2	3	3	3	3	3	3	3	3	4	3	3

						011																			
	POLL	UTANT	- N	ITROGEN	DIC	DXIDE - C	HEMI	LUMIN	ESCEN	IT.			U	NITS -	PART	S PEF	HUND	REDMI	LLION	1					
	STAT	ION -	67	COLLEGE	ST	TORONT	O 04	AMST	NO	3100	1		M	ONTH JU	IN	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
2 3 4 5 6 7 8 9	2 4 5 5 6 2 3 4 2 2	2354523332	2 3 5 3 3 1 2 1 2 2	2 2 4 3 1 2 3 1 2 2	3 1 4 3 2 2 2 2 2 3	4 1 3 4 3 2 3 3 2 2 2	5 1 2 5 4 4 3 4 2 2	4 1 1 6 4 4 3 5 2 2	5 1 1 5 4 3 3 4 2 2	5 1 1 5 5 3 3 4 2 3	4 1 1 4 5 3 3 4 2 3	2 1 1 2 4 3 2 3 1 2	2 1 2 3 5 3 3 3 1 2	2 2 2 5 4 5 3 1 2	2 3 2 5 3 4 3 1 2	232554433312	3 3 2 4 4 5 3 3 1 2	2233453312	33333454423	4546553424	4 5 4 7 3 4 4 4 3 4	3 5 4 7 2 4 3 3 3 3 3	4 5 5 5 6 2 5 4 3 3 4	4 5 5 5 5 3 4 4 2 3 4	33354433323
11 12 13 14 15 16 17 18 19 20	3 5 2 3 4 3	4 4 2 2 3 3	5 2 2 1 2 3	8 2 2 1 3 3	4 2 1 1 5 3	4 3 2 2 4 3	5 4 3 3 5 4	10 4 4 3 5 4	10 4 3 2 4	8 7 2 1 2	6 4 2 2 2 2		DATA	4 ° 3 2 2 2 2 2 2 MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	G -	3 3 2 3 2	2 4 2 2 2 2 2	2 4 2 2 2 2	4 4 2 3 2	3 4 2 4 3	3 3 4 3 	6 4 4 4 2 2	6 4 3 4 3	6 4 3 4 3	5 4 2 3 3
21 22 23 24 25 26 27 28 29 30	7 6 6 4 4 3 3 2 5	854432325	9 4 3 3 2 3 4 2 6	8 4 4 3 3 3 2 2 6	7 4 3 3 3 2 3 6	92233333466	9 2 2 4 4 4 3 3 5	7 3 3 5 4 6 4 3 3	8 4 2 4 4 5 3 3	6523543333	4 3 1 2 5 5 3 2 3	4 2 2 1 5 5 4 3 2	4 3 1 6 3 3 3 3	5 4 3 1 3 5 3 4 3 3	3 4 2 1 3 5 4 6 3 3	5 4 2 1 4 6 4 5 3 3	6 4 2 1 3 4 5 4 4 3	52224453333	42324455344	6353444343	95544333353	955544333343	9654563343	8 5 5 4 5 4 5 2 4 2	64334443334
MEAN	4	3	3	3	3	3	4	4	4	4	3	3	3	3	3	3	3	3	3	4	4	4	4	4	3

PERCENTAGE OF DATA VALID - 82

						ONTAR	0	MINIST	TRY	OF TH	IE E	NVIRO	NMENT	- AIF	R MA	NAGEM	ENT E	BRANCH	1						
	POLLU"	TANT	- NIT	ROGEN	DIC	XIDE - C	EMI	LUMINE	ESCEN	Т			UNI	ITS -	PART	S PER	HUNDE	REDMIL	LION						
	STATIO	- NC	67 CC	LLEGE	ST	TORONTO	OA	MST	NO	31001			MOM	IL HTM	JL	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 N	IEAN
1 2 3 4 5 6 7 8	2 6 1 4 3 6 3 2 3	25153353	2 5 2 4 1 3 3	25341222	35641322	3 5 4 2 3 2	4 5 4 6 3 4 3 2	3 5 7 2 5 3	3 3 5 2 6 3 2	3 3 4 1 6 3	3 3 3 1 4 2 2	2 3 2 2 1 4 2 2	2 3 4 1 4 2 2	22431422	2 4 3 2 4 2 2	3 4 4 2 5 2	3 5 5 2 4 2 1	4 4 3 2 3 2	4 3 3 2 2 3 1	4 4 3 4 2 3 3 5	4 3 5 3 4 4 3	3 3 4 3 5 4 3	3 2 3 4 4 4 4 5	4 2 3 4 3 5 4	3 4 2 4 3 2
10	2	1	2	2	2	1 2	3	3	3 4	5	2 5	2 4	3	3 5	3 5	3 5	3 5	2 3	3	3	3 2	3 2	3	3	3
11 12 13 14 15 16 17 18 19	2 2 3 2 3 2 4 5 5 5	2222323666	1 2 2 3 3 2 3 5 7 4	1222423574	1 1 2 1 4 2 3 4 7 3	1 2 3 2 3 2 3 4 7 5	2 3 4 2 3 2 3 6 7 6	2 3 5 2 2 4 5 7	22622754 116	2 2 4 1 1 4 2 4 8 8 4	2 1 4 1 2 4 3 3 7 3	2 4 1 2 2 2 3 6 3	2351222363	234122353	1 2 2 2 3 4 3	2 2 4 1 2 2 3 4 4	2 2 5 1 2 4 3 4 4 5 5	2232133435	2 3 4 2 1 3 3 4 4 3 4	2352243435	2344324554554	3333245564	3 4 3 3 2 4 5 5 8 4	3 3 2 4 2 4 5 5 6 4	2242233464
21 22 23 24 25 26 27 28 29 30	3345352323	333434222	2324242223	1323232213	1223242213	1 2 2 3 4 4 2 2 1 3	2 2 4 4 5 5 5 3 2 1 4	2 2 4 3 6 5 3 3 1 6	22223443214	1 1 2 3 5 4 3 2 1 4	1 1 2 5 4 3 2 1	1 2 3 5 3 3 2 1 3	2 2 2 3 4 3 3 1 3	1 1 2 3 5 4 3 3	1 1 2 3 5 4 2 3 2 4	2 2 2 3 5 3 3 3 2 3	2 2 3 2 6 3 4 3 2 3	32225332233	22235332223	3 3 4 3 4 2 3 3	3433533233	4533523343	5 5 4 3 6 2 3 2 4 4	4 4 3 4 2 2 2 3 3 3	2233344332233
31	3	4	4	3	3	4	4	6	4	5	5	6	7	5	4	4	6	5	4	6	5	5	5	5	5
MEAN	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	3	3	3	3	3	4	4	4	3

UNITS - PARTS PER HUNDREDMILLION

STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 MONTH AUG HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 5 3 3 3 2 \*\*\* 342232\* DATA MISSING 5 22 23 24 25 26 27 28 29 30 0 1 2 1 6 5 MEAN 

PERCENTAGE OF DATA VALID - 93

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

						ONTAR	10	NINIS	TRY (	OF TH	IE E	NVIRO	NMENT	- AIF	A MAI	NAGEME	NT E	BRANCH	4						
	POLLU	TANT	- NI	TROGEN	DIC	XIDE - CH	HEMIL	LUMINE	SCENT	Γ			UNI	TS -	PARTS	S PER	HUNDF	REDMIL	LION						
	STATI	ON -	67 C	OLLEGE	ST	TORONTO	OAN	MST	NO	31001			MON	TH SE	EP :	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	1.3	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9 10	5 4 6 4 2 1 2 2 2 2 2	65443222222	3534622121	3 4 2 5 8 2 2 1 2 1	3425621111	332 3511122	33365223	3 4 3 7 4 1 2 2 3	3 3 3 4 1 1 1	2 3 5 9 4 1 2 1 1 2	3256212112	3 3 3 5 3 1 1 1 1 3	4 2 3 4 5 1 1 1 1 2	4 2 3 3 4 2 1 1 1 3	4 2 3 3 4 2 1 1 1 4	2 2 3 4 4 2 1 2 2 3 3	2 2 2 4 3 2 1 2 1 3	2 2 2 3 3 2 1 2 1 4	3 3 3 2 2 2 1 3	3 4 4 3 2 2 3 2 2 3 3 2 2 3 3	3 6 5 4 1 2 3 2 2 3	3 7 5 4 1 2 3 2 2 3	4 7 4 3 1 2 3 2 2 3	4 7 4 2 1 2 2 2 2 2 3	3434422223
11 12 13 14 15 16 17 18 19 20	2 1 3 2 3 1 2 2 4 3	2132312232	1 2 2 2 1 2 1 3 2	1 1 3 2 2 1 2 1 3 2	1 1 3 1 2 1 3 2	2222212132	3332303241	3442304242	2362413342	1 2 4 1 2 1 1 2 4 1	1 2 3 1 2 1 1 2 4 2	1322311131	1 2 2 3 1 1 1 2	1 4 2 2 3 1 2 1 3 1	1 2 2 2 3 1 2 1 3 1	1 2 2 2 4 2 2 2 3 1	1 2 2 3 3 2 3 2 3 1	1 1 3 2 3 2 2 2 2 2 1	1 2 2 3 2 2 2 3 2 2 2	2324222332	2 3 2 4 2 2 1 4 2 2 2	2 3 2 4 1 2 1 4 3 3	2 3 2 4 4 3 3	1 3 2 4 1 3 2 4 3 3	2232212232
21 22 23 24 25 26 27 28 29 30	3232232233	3242231242	3 2 4 1 1 3 1 1 3 2	3231122122	3 2 3 1 1 2 2 1 2 2	222222222	3232233222	33222333332	5322233432	3 3 3 2 2 4 3 4 2 2	33322333322	2 5 3 2 4 3 1	2 5 2 2 2 4 4 3 2	2622 43321	2523353321	2 5 2 3 3 6 3 4 1 1	2 4 2 2 3 6 3 4 2 1	2322353422	3432353423	3532352432	3532452423	2433462533	2322462534	2322432433	3332343322
MEAN	3	3	2	2	2	2	3	3	3	3	2	2	2	2	2	3	2	2	3	3	3	3	3	3	3

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 MONTH OCT MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 4 3 5 1 2 MISSING MISSING DATA 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 29 30 5 2 1 1 2 2 2 1 2 3 1 1 2 2 1 2 1 6 6 10 5 2 7 9 10 6 3 2 9 6 13 6 3 2 7 6 10 7 3 2 5 7 10 7 2 2 5 5 10 6 2 2 1 1 3 

 PERCENTAGE OF DATA VALID -

MEAN

						ONTAF	RIO	MINISTRY	OF	THE	EE	NVIRON	MENT	- AIR	MAN	NAGEME	NT E	RANCH	1						
	POLLU	TANT	- NIT	ROGEN	DIO	XIDE-C	CHEMI	LUMINESC	ENT				UNI	TS -	PARTS	S PER	HUNDE	EDMIL	LION						
	STATI	ON -	67 CC	LLEGE	ST	TORONT	O OA	MST	NO 3	1001			MON	TH NO	V	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
DAY 1 2 3 4 5 6 7 8 9	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 2 2 1 1 1 2 3 2 2	1 1 2 2 3 2 2	2221112222	2 2 2 1 1 1 2 2 2 2 2	2 2 1 1 1 1 2 2 2 2 2 2	221112222	2 1 2 2 3 3 3	221122323232	2211122222	2 2 1 1 2 2 2 1	1 3 1 1 1 2 2 2 1	1 1 1 1 2 2 2 1	1 3 1 1 1 1 2 1 2 1	2 3 1 1 2 1 2 1 1	2 3 1 1 2 1 2 2 2	2312223222	2322224233	2 2 2 2 2 4 2 3 2	2232224223	22222422	2212224222	2212224222	2 3 2 2 2 2 4 2 2 2 2	2 2 2 1 2 2 3 2 2 2 2
11 12 13 14 15 16 17 18 19	3 2 3 4 5 2 3 3 3 5 5	33334233355	3 2 3 2 4 1 3 3 2 5	3 2 3 2 4 1 3 3 2 4	2 2 3 2 3 1 2 3 2 4	2232212323	2332212223	3 3 3 2 2 2 2	2332323223	1332322233	2 3 2 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	23323222222	2342322222	2342222222	2342222222	23422223333	2 3 4 3 2 3 2 3 4 3	3 4 4 3 2 3 2 3 4 3	2 4 4 4 2 3 3 3 3 3 3 3 3 3	2 3 4 4 2 2 3 3 3 3 2	2 4 4 4 2 3 3 3 3 4 2	3 4 3 5 2 3 3 3 3 3 2	2 4 3 4 2 2 3 3 4 2	2 3 4 5 2 3 3 4 2	2 3 3 3 2 2 3 3 3 3
21 22 23 24 25 27 28 29 30	234222512	2 3 3 2 3 2 5 1 2	2 3 3 2 3 2 5 1 2	2 3 3 2 2 2 3 1 2	2 3 3 2 1 2 2 1 2	233112212	233112222	2 3 1 2 2 2 3 2	333132322	2 4 2 1 3 3 2 2 2 2	3 2 4 2 2 3 3 2 1 3	3242233222	3232233222	333224	3333225222	4 3 3 3 3 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 3 2 3 4 2 2 2 2	4 5 4 3 3 3 6 2 2 3	4 3 3 2 6 1 2 2	4 4 4 3 3 2 4 1 2 2	3 4 4 3 3 2 5 1 2 2	3 4 4 3 3 2 5 1 2 2	3542325122	3 * 4 4 2 3 2 5 1 2 2	3 3 2 2 4 2 2 2 2
MEAN	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	2

### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO DAMST NO 31001

0

88

0.8 1.5

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MI	ISSING	
FEB	7	3	5	6
MAR	31	4	6	9
APR	28	3	6	9
MAY	31	3	4	10
JUN	26	3	6	10
JUI.	31	3	6	11
AUG	30	.3	4	7
SEP	30	3	4	9
OCT	29	3	8	13
NOV	30	2	4	6
DEC	31	2	4	6
YEAR	304	3	8	13

		ONTARIO	MINISTR	Y OF THE	ENVIRONMENT	- AIR MANAGE	EMENT BRA	NCH		
MONTHLY GF	ROUP FREQUE	ENCY CLASSIF	CATION FO	R 73						
POLLUTANT	- NITROGEN	N DIOXIDE-CHE	MILUMINES	CENT	UNIT	- PARTS PER H	HUNDREDMIL	LION		
STATION -	67 COLLEGE	ST TORONTO	OAMST	NO 31001						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20 21	1 &OVER	TOTAL		
JAN		DATA MISSING	6							
FEB	1 4	57	80	0	0	0	0	151		
MAR	57	335	320	2,3	0	0	0	735		
APR	77	358	187	26	0	0	0	648		
MAY	145	386	191	16	0	0	0	738		
JUN	39	303	231	20	0	0	0	593		
JUL	61	427	235	1.4	1	0	0	738		
AUG	86	425	182	3	0	0	0	696		
SEP	133	457	120	6	0	0	0	716		
OCT	136	351	142	42	1	0	0	672		
NOV	89	539	82	0	0	0	0	710		
DEC	92	516	7.4	0	0	0	0	682		
YEAR	929	4154	1844	150	2	0	0	7079		
FREQUENCY	DISTRIBUTI	ON BY PERCEN	TILES							
	PERCENT				CONCENTRA					
	OF DATA VALID	MIN	10	FREQUE 30 50	NCY DISTRIBU	TION, PERCENT 90 95	98	99	MAX	А

2 2

2 9

4 4

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6 1 7 0

13

2 9

UNITS - PARTS PER HUNDREDMILLION

6 2 4

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003 MONTH MAY HOUR DAY
1
2
3
4
5
6
7
8
9
10 1.1 24 MEAN DATA MISSING 12 13 14 15 16 17 18 19 20 22 23 24 25 26 27 28 29 30 DATA MISSING DATA MISSING 

PERCENTAGE OF DATA VALID 

MEAN

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

						ONTAF	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT I	BRANCI	Н						
	POLLU	TANT	- NIT	ROGEN	DIOX	IDE-C	CHEMI	LUMIN	ESCEN	Т			UN	IITS -	PART	S PER	HUNDI	REDMI	LLION						
	STATI	ON -	LAWRE	NCE/K	ENNED	Y SCA	ARBOR	OUGH	NO	3300	13		MC	NTH J	IUN	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 M	EAN
1 2 3 4 5 6 7 8 9	34424344322	3342322432	3332323322	3142223221	4 3 3 3 3 3 3 1 2	5234433422	6225434422	4 2 1 6 5 4 6 4 2 2	4 1 1 8 4 3 4 6 2 2	5 1 1 7 3 3 6 6 2 3	1 1 4 3 3 3 4 5 3 3 3	4 1 1 4 3 3 4 4 2 2	3 1 1 3 2 4 4 3 2	2114434322	3 1 1 5 3 3 4 * * * 2 2	3 1 7 5 6 4 4 2 2	3 1 1 6 5 5 4 4 2 3	3214455423	3225665625	4328766525	4 4 3 6 6 5 4 4 3 7	4445354436	4435354326	4 4 3 5 3 5 5 5 4 3 5	4 2 2 5 4 4 4 4 2 3
11 12 13 14 15 16 17 18 19 20	5 2 2 3 3 1 1 1 1	321232111	2 1 1 1 2 1 1 1 1	3 1 1 3 1 2 1 1 1	4 2 2 1 3 2 1 1 1 2	4 3 1 2 3 2 0 2 1 4	7423320224	5 4 2 1 3 3 0 2 2	7 5 3 1 2 5 1 3 2	7 4 3 1 2 5 1 2 2 2	8 3 2 1 1 8 1 2 1 3	6 4 1 1 5 1 2 1 3	1 3 1 2	6 4 2	4222131223	4 3 3 2 1 3 1 2 2 4	4 3 2 3 1 1 1 2 2 5	5433111223	5324111223	7523111216	7 4 2 4 1 2 1 2 1 6	6333121216	5423221216	4 3 2 4 1 1 1 2 1 6	5322231213
21 22 23 24 25 26 27 28 29 30	6654332224	6553321213	6544321214	6530300114	5422323114	5623324224	7822426335	7 10 3 2 4 2 4 3 2 4	90132213226	8 8 4 2 3 1 3 3 2 4	9 7 5 2 2 2 2 1 2 4	8753222223	106533223133	7 5 4 2 2 2 3 1	65 4 2 2 4 4 1 2 4	6632267434	5533256644	6443265534	11 67 32 62 34 4	11653252245	10663231354	9555251354	6655241353	5654222353	76433333234
MEAN	3	3	2	2	2	3	4	3	4	4	2	3	3	3	3	3	3	3	4	4	Δ	4	A	3	3

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - PARTS PER HUNDREDMILLION STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003 MONTH JUL 24 MEAN 5 3 2 MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING DATA MISSING
DATA MISSING
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DATA MISSING
DATA MISSING - DATA MISSING -

PERCENTAGE OF DATA VALID -

MEAN

	POLLU	JTANT	- NI	TROGE	N DIO	XIDE -	CHEMI	LUMIN	NESCEN	Ţ		U	NITS -	PART:	S PER	HUNDR	EDMIL	LION					
	STATI	ON -	LAWR	ENCE/	KENNE	DY SC	ARBOR	OUGH	NO	3300	03	M	ONTH AU	G	73								
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11	 DATA DATA DATA DATA DATA DATA DATA DATA	MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN MISSIN	G	16	17	18	19	20	21	22	23	24 MEAN
11 12 13 14 15 16 17 18 19												 DATA DATA DATA DATA DATA DATA DATA	MISSIN	G									
21 22 23 24 25 26 27 28 29 30	2 3 3 5 4 4 4 3	22254342	2 2 2 5 3 2 3 1	1 2 2 4 2 1 2	2 2 2 2 2 2 2 2 2 2	1 3 2 2 2 2 2 2 3	2 3 2 2 2 4 5 3	3 3 3 2 3 4 6	4 2 2 3 4 3 4 5	3 1 2 3 6 3 4 4	4 1 3 3 5 3 4 3	DATA 3 2 2 4 4 3 3	MISSIN 2 * 3 4 . 5 4 3 3 3	G - 2 3 4 4 5 4 4 4 4	23344664334	233546545	23 1 25 65 45	2 3 1 3 6 6 5 5 6	2324466456	333646356	233745446	23 27 4 5 4 3 6	2 **** 3 3 3 5 4 4 6 5 5 4 4 5 5 5 4 4

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

PERCENTAGE OF DATA VALID -

MEAN

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT UNITS - PARTS PER HUNDREDMILLION STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 2 1 2 2 1 1 2 1 2 3 1 3 2 1 2 2 1 3 1 1 1 1 5 1 1 3 3 2 3 3 4 2 1 2 3 1 2 1 3 3 1 MEAN 

PERCENTAGE OF DATA VALID 99

	ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH																										
	POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003														UNITS - PARTS PER HUNDREDMILLION												
	STAT	TION .	LAW	RENCE	/KENN	EDY S	CARBO	ROUGH	N	3300	3		M	ONTH	OCT	73											
HOUR DAY	1	2	3	4	5	6	7	8	9	10	44	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN		
1 2 3 4 5 6 7 8 9	2 2 2 3 3 3 3 2 2 2 4	2232322124	2 1 3 2 1 2 2 1 2 2 3	2 1 3 1 0 2 2 1 2 3	2 1 3 2 0 2 1 1 1 4	2 1 2 3 1 2 1 1 2 4	2 2 2 4 1 2 2 1 2 4	2 4 4 2 3 1 1 3 5	1 2 3 5 0 3 1 1 2 6	1 1 3 7 1 2 1 1 1	1 2 3 5 1 1 1 1 2 2	1 1 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 2 4 3 2 1 1 1 1 2	5 2 1 1 1 1	1 1 1 1	1 25 2 2 1 1 1 2 2	1 2 5 2 3 1 1 1 3 2	224211133	2 2 5 1 3 2 1 2 4 3	3241321352	2241222342	3231222353	3231322353	3232222341	2243221233		
11 12 13 14 15 16 17 18 19 20	1331112222	1 3 3 1 2 1 1 2 1 2	1 3 2 1 2 1 1 2 2 2	1 3 2 1 2 1 1 2 2 2 2	2 3 1 1 2 1 1 1 2 2 2	2 3 1 1 2 1 2 2 2 2	2 3 2 1 2 1 1 2 1 2	2 2 2 1 3 1 2 3 3 2	2 3 2 1 3 1 1 3 2 2	1 3 2 1 3 1 1 2 4 2	1 2 2 0 3 1 0 1 3	1 2 2 1 1 1 0 2 2 1 2	1 2 2 1 1 1 2 1	1 2 2 1 1 1 2 2 2 2 2	2 1 1 0 1 2 2 1	1 2 2 1 1 2 2 2 2	2222214322	2321123222	3 4 2 2 2 1 3 3 2 3	3522212221	3412312311	3 1 3 1 2 1 1 2	4 3 1 2 2 1 2 2 1 2	3 4 1 2 2 2 2 2 2 1	2 3 2 1 2 2 2 2 2 2 2		
21 22 23 24 25 26 27 28 29 30	2 3 4 4 4 1 1 1 1 1 1	2 3 **** 4 3 1 1 0 0	2 3  4 1 1 0 0	2 3 ***** 3 1 0 0 1	2 2 2 3 2 0 0 0	2 2 2 2 3 3 3 1 0 0	22	2 3 0 0 0 0 0 0 0 0 3 3 1 0 1 1	2 6 0 0 0 0 0 0 0 3 3 1 0 1 2	2 8 0 0 6 0 0 0 0 4 2 1 0 1 1	2 11 0 · · · · · 3 3 3 1 1 1	2 ***** ***** 3 3 3 1 1	2 4 0 0 0 7 0 0 0 0 3 0 0 0 0 1	2366 322112	2366 *** 3311 *** 2	3 4 6 6 3 4 1 1 1 3	2 6 7 6 3 3 1 1 1 5	4 5 7 5 4 3 2 1 2 3	4 4 4 5 3 2 1 1 2	3 4 4 5 5 5 2 1 1 1 3	3 4 3 4 2 2 1 1	3 4 2 4 1 2 0 1 3	2 4 3 2 1 1 1 2	3 **** 4 3 1 0 1 1 2	2 4 **** 3 2 1 1 1 2		
31	1	1	2	1	2	2	2	1	1	1	1	2	2	2	3	2	1	2	2	2	3	2	2	2	2		
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2		

UNITS - PARTS PER HUNDREDMILLION POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003 MONTH NOV 24 MEAN 1 1 3 2 2 1 1 2 1 2 1 2 1 2 3 1 2 2 2 3 4 1 3 4 2 2 SNG - GANGANG DATA MISSING DATA MISSING

2 3

PERCENTAGE OF DATA VALID - 64

MEAN

ONTARIO	MINISTRY	OF	THE	ENVIRONMENT	- AIR	MANAGEMENT	BRANCH

	POLI	LUTAN	T - N	ITROG	EN DIC	XIDE -	CHEM	ILUMI	NESCE	NT			L	JNITS -	PAR	TS PEF	R HUNE	DREDMI	LLION	4					
	STAT	TION	- LAW	RENCE	KENNE	DY SC	ARBOR	ROUGH	N	330	03		N	MONTH D	EC	73									
HOUR DAY 1 2 3 4 5 6 7 8 9	1	2	3	4	5	6	7	8	9	10	11	3 3 4 3 9	DATA DATA DATA DATA DATA DATA DATA DATA	A MISSI A MISSI	NG - NG - NG - NG - NG - NG - NG -	16	17	18	19	20	21	22	23	24	MEAN
11 12 13 14 15 16 17 18 19	2 2 1 2 2 1 1 3	2 2 1 1 2 1 1 3	1 2 1 1 2 1 1 3 1	2 2 1 1 1 1 1 3	2 2 1 0 1 1 1 1 3 1	2 2 1 0 1 1 1 3 1	2 2 1 1 1 1 2 3 2	3 2 3 1 1 2 4 3 2	3 2 3 1 1 2 5 3 2	3 2 3 1 1 2 2 2	3 2 2 1 1 2 3 2 2	( 0 0)	3 2 2 3 2 1 1 2 2 2	2 3 2 1 3 3 2 2	332321322	3 3 2 2 1 3 3 2 2	4225223423	4 2 2 5 2 3 3 4 2 3	4 3 2 4 2 3 2 2 2 2 2 2	3 2 2 4 3 3 3 3 3 2 2	3222222222	221222422	3 2 1 2 1 2 2 3 1 2	2112221312	222122322
21 22 23 24 25 26 27 28 29 30	1 2 2 2 1 3 1	1 2 2 2 1 3 1	1 1 2 2 1 2 1	1 1 2 2 1 1 2 1	1 1 2 2 1 1 1 1	1 1 2 2 2 2 1	1 1 2 1 2 2 2 2	3 2 2 1 2 3 2	3 3 2 1 3 3	3 3 2 1 ***** 3 2	2 3 2 1 2 2		DATA DATA	2 3 3 2 2 MISSI MISSI MISSI MISSI	NG - NG -	3 3 2 2 3 3	4 3 4 3 2 3 *** • •	3 3 3 2 3	2 2 2 2 3	2222	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 3 2 2 3 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4	1 3 2 1 2 1	3 3 2 1 2 1	22222
31	9.00	** * * *	0.0.0.0	0 0 0 0	0000	0 0 0	0.0.0.0	$0.5 \pm 3.$	0.00	6.7.0.5	0.85.7		x 200g/6	1	2	2	3	3	3	3	3	3	3	2	
MEAN	2	2	1	1	1	3	2	2	2	2	2	- 5	2	2	2	2	2	3	3	2	2	2	2	2	2

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - LAWRENCE/KENNEDY SCARBOROUGH NO 33003

POLLUTANT - NITROGEN DIOXIDE-CHEMILUMINESCENT

UNITS - PARTS PER HUNDREDMILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA MIS	SING	
FEB		DATA MIS	SING	
MAR		DATA MIS	SING	
APR		DATA MIS	SING	
MAY	9	3	.5	9
JUN	30	3	7	11
JUL	1.0	3	4	8
AUG	10	3	5	7
SEP	30	2	5	8
OCT	31	2	4	11
NOV	20	. 2	3	7
DEC	1.8	2	3	5
YEAR	1 5 8	3	7	11

MONTHLY GE	ROUP FREQUI	ENCY CLASSIFI	CATION FO	DR 73						
OLLUTANT	- NITROGE	N DIOXIDE-CHE	MILUMINES	SCENT	UNI	T - PARTS P	ER HUNDREDMI	LLION		
TATION -	LAWRENCE /	KENNEDY SCARB	OROUGH	NO 33003						
	00 TO 01	02 TO 03	04 TO 06	07 TO 10	11 TO 13	14 TO 20	21 &OVER	TOTAL		
JAN		DATA MISSING								
FEB		DATA MISSING								
MAR		DATA MISSING								
APR		DATA MISSING								
MAY	3 1	110	45	12	0	O	0	198		
JUN	124	317	235	3 1	2	O	0	709		
JUL	1 4	128	68	1 0	0	0	0	220		
AUG	1.1	108	100	3	0	0	0	222		
SEP	266	336	108	5	0	0	0	715		
OCT	253	370	70	4	1	0	O	698		
NOV	7.4	353	34	1	0	0	0	462		
DEC	95	275	1.5	0	0	0	0	385		
YEAR	868	1997	675	66	3	0	0	3609		
REQUENCY	DISTRIBUTI	ION BY PERCENT	TILES							
	PERCENT OF DATA VALID	MIN	10	FREQUE 30 50	CONCENTR NCY DISTRIB 70	ATIONS UTION, PERC 90 9		99	MAX	ARI MEA
	61	0	0.4	1 2 1 8	2 6	4 0 4	9 6.0	6.8	11	2 .

POLLUTANT - OZONE - CHEMILUMINESCENCE UNITS - PARTS PER BILLION SINCOE HORTICULTURAL STATION NO MONTH JAN MEAN 13 5 3 8 12 13 9 13 6 4 7 11 13 7 12 4 2 8 12 12 6 11 3 3 9 12 11 0 6 3 8 11 9 4 4 3 9 11 7 10 3 4 7 11 12 5 10 1 3 5 9 12 7 12 1 3 7 9 12 7 11 25 6 11 13 3 6 11 3 6 6 11 12 3 5 8 1 4 6 11 12 5 2 10 3 4 7 11 13 7 12 5 3 8 11 13 8 12 5 3 8 11 13 9 13 7 3 7 12 12 7 11 3 10 12 12 5 9 2 3 8 1 2 9 12 1 4 6 9 13 7 5 12 2 5 6 12 13 3 6 5 6 11 12 4 13 8 DATA MISSING DATA DATA DATA DATA 6 2 6 10 4 MISSING MISSING MISSING 7 2 8 10 3 10 11 0 9 4 11 11 0 9 4 11 11 2 9 9 12 3 8 3 10 12 3 7 3 9 11 1 7 3 8 10 1 6 7 9 4 7 4 10 5 6 5 10 5 7 5 7 4 8 10 6 5 9 7 5 2 8 3 2 4 3 11 7 3 6 0 5 1 0 0 5 1 1 6 6 1 4 0 0 0 5 1 1 5 8 1 3 8 4 3 3 10 9 3 2 8 4 3 4 2 10 9 3 2 8 1 0 6 6 10 2 1 6 2 1 3 5 10 6 0 5 0 0 0 5 1 1 8 8 4 3 3 4 11 9 10 7 

PERCENTAGE OF DATA VALID 

MEAN

						ONTA	RIO	MINIS	TRY	OF 1	HE E	NVIR	NMENT	- A)	R M	ANAGEN	IENT	BRANC	н						
	POLL	UTANT	- 0Z0I	NE - CH	HEMIL	UMINE	SCENC	E					UN	ITS -	PAR	TS PEF	BILL	ION							
	STAT	ION -	SIMCO	E HOF	RTICU	LTURA	L STA	TION	NO	1600	1		MC	NTH F	EB	73									
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1 4	15	16	17	18	19	20	21	22	23	24	MEAN
1	4 6	4	2	2	0	0	0	0	1	3	5	5	6	7	7	0.000	2 0 0 0		6	7	8	7	6	6	4
3	1	2	2	3	3	3	4	4	4	5	7	9	11	10	10	10	10	10	10	10	8	9	9	8	7
5	9	9	9	9	8	8	7	4	3	5	8	9	9	10	9	9	9	9	9	9	9	8	6	5	8
6 7	4	5	5	6	6	- 6	5	0.0.0	0 0 0 0	000	000	0.0.0.0	3	4	4	4	1	0	1	1	1	0	0	0	0000
8 9	0 2	5	4	2	2	6	8	9	9 5	8 6	6	8	2 8	<b>4</b> 9	10	3	3 9	5 8	6 5	6	5 2	3	0 3 9	3	<b>4</b> 5
10	3	2	1	2	2	1	2	2	4	5	7	9	9	9	8	7	7	7	7	8	8	8	9	9	6
11 12	9	8	6	4	11	11	11	7 10	9	11	11	11	11	11	11	12	12	11	11	10	10	9 7	8 7	7 6	9
13	6	4	3	3	2	4	4	3	6	8	9	10	10	11	11	11	11	10	9	8 2	5	3	4	3	7
15 16	0	ŏ	ŏ	1	4	6	7	7	8	10	9 10	10	11	7	10	10	9	10	10	8	9	9	9	9	7
1.7	7	8	8	8	9	9	10	10	10	11	11	11	11	12	12	12	12	10	2	5	4	9	7	2	9
18 19	8	7	6	5	3	3	3	3	4	4	5	5	6	5	5	6	6	7	9	9	11	12	11	9	6
20	6	2	1	3	0	Ü	0	1	3	6	6	ь	0	ь	,	7	-	6	8	0					2
21 22 23	6 9	6 10	10	11	11	11	11	11	10	10	11	11	12	13	12	9 14	14	5 10	10	11	11	11	11	10	10
24	12 8	1 2 8	11	8	9 5	6 5	6 6	6 7	6 9	11	11	14	15 12	15 13	13 13	13	1 4 1 2	11 12	12	12 11	14	13 9	13	11	10
25 26	8 13	12	8	8	8	9 11	10	10	11	10	11	10	13	13	. 13	14	13 11	13	13	13	13	13 11	13	13	11 10
27 28	0	0	2	6	11	10	10	11	12	12	14	14	15 14	16 15	15 16	15	14	13 10	13	12	11	11	8	5	10
MEAN	5	5	5	5	5	5	5	6	6	7	8	9	9	10	10	10	9	8	8	8	8	8	7	6	7

POLLUTANT - OZONE-CHEMILUMINESCENCE UNITS - PARTS PER BILLION STATION - SIMCOF HORTICULTURAL STATION NO MONTH MAR HOUR DAY 24 MEAN 11 2 2 5 10 4 13 9 8 5 12 9 1 5 13 9 4 5 14 10 2 3 9 12 13 14 15 16 17 18 11 12 8 6 8 6 11 12 12 7 12 12 6 11 2 17 9 7 8 11 0 11 5 11 13 10 9 0 8 6 11 13 7 8 1 1 3 9 7 9 1 2 1 1 9 12 16 98 13 13 12 7 11 8 2 8 6 11 12 65 69 11 13 8 0 13 6 11 10 0 9 3 12 12 18 13 13 13 8 11 6 11 13 5 9 10 13 12 10 12 13 9 13 10 22 23 24 25 G MISSING MISSING MISSING MISSING MISSING MISSING MISSING MISSING 27 28 29 30 DATA MISSING MEAN 

PERCENTAGE OF DATA VALID - 65

POLLUTANT - OZONE - CHEMILUMINESCENCE

### ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER BILLION

STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH JUN HOUR DAY A 24 MEAN DATA MISSING 5 6 7 8 9 10 DATA MISSING 12 13 14 15 16 19 20 DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING DATA MISSING 37 45 41 40 3 30 38 5 62 62 5 22 23 24 25 31 56 52 33 52 44 33 50 40 35 44 38 45 39 38 40 37 31 17 40 18 23 36 10 22 29 29 30 10 23 23 21 28 17 25 23 28 37 20 10 16 14 17 44 25 48 28 61 28 MEAN 

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

							-		110.00	•			014111			MANGER		DUVIA	211							
	POLL	UTANT	- OZC	NE - (	CHEMIL	UMINES	CENCE	E					U	NITS -	PART	TS PER	BILI	LION								
	STAT	ION -	SIMCO	E HO	DRTICU	LTURAL	STAT	TION	NO	1600	1		M	ONTH J	IUL	73										
HOUR	Ţ	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	24	MEAN	
1 2 3 4 5 6 7 8 9	16 4 5 0 0 0 3 2 2 0	17 3 4 1 0 0 3 2 2 0	20 23 10 00 53 20	13 2 2 1 0 1 6 3 2 1	18 1 2 0 0 4 9 3 2 2	22 1 0 0 7 7 3 2 2	23 1 0 0 25 6 3 2	28 6 1 1 0 27 7 3 2 2	29 8 1 2 2 31 9 3 1 3	29 9 2 3 2 33 9 2 0 3	32 8 3 4 2 31 8 1 0 2	35 7 3 26 7 1	7 2 1 3	18 7 3 1 3 25 5 1	11 8 4 2 3 18 2 0 0	9 6 1 3 11 0 0	9 10 9 2 4 2 0 0	10 11 11 2 4 0 0 0	10 10 10 2 3 0 0 0	9962300000	884 4231 0000	7 7 3 1 2 1 1 0 0	7 6 3 1 0 2 1 1 0 0	5 6 2 1 0 3 1 1 0 0	17 6 4 1 2 11 4 1	
11 12 13 14 15 16 17 18 19	0 5 2 5 0 0 0	1 6 2 8 9 0 1 1	1 6 30 12 0 1	1 7 37 12 0 2 1	2 6 35 11 2 3 1	2 8 33 9 4 4 2	1 12 32 9 5 5 4	1 18 31 7 5 6 7	23 33 7 4 6	27 33 7 4 8	2 28 36 7 4 9	1 26 45 7 3 11	49 7 3 11 DATA DATA	1 26 58 5 2 8 MISSI MISSI MISSI MISSI	NG -	1 29 35 1 0	1 30 15 0 0	1 27 7 0 0 0	0 25 3 0 0 0	18 3 0 0 0	1 19 3 0 0 0	1 13 3 0 0 0	24 3 0 0	3 25 4 0 0	1 19 27 5 2 3	
21 22 23 24 25 26 27 28 29 30	49 44 37 45 13 32	34 37 42 47 11 28	30 37 40 41 11 28	9.1		29 35 8 24	14 24 27 34 9	24 34 25 34 12	42 33 36 16 31	26 39 35 42 19 32	34 51 39 47 23 50	49 64 41 54 26 57	DATA	MISSI MISSI 99 69 46 55 54 32 61	NG -	94 60 75 58 58 40 72	98 62 71 63 52 41 71	94 75 59 67 41 41 65	94 69 54 66 37 41 63	87 62 51 65 33 40 58	78 53 46 56 30 39 49	72 56 47 53 24 36 53	65 47 42 50 18 35 49	52 39 40 47 16 26	48 48 45 40 25	
31	43	43	40	32	30	32	29	28	28	28	0000	0000	36	42	45	48	52	49	42	30	31	34	36	35	37	
MEAN	14	13	13	11	10	11	12	14	17	18	19	22	25	26	26	25	25	24	22	20	18	17	16	15	18	

PERCENTAGE OF DATA VALID - 75

						ONTA	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- OZ	ONE - CI	HEMIL	UMINES	SCENC	Ε					UN:	ITS -	PART	S PER	BILL	ION							
	STAT	ION -	SIMC	OE HO	RTICU	LTURAI	L STA	TION	NC	1600	11		MON	A HT	UG	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1 2 3 4 5 6 7 8 9	11 10 28 36 35 36 53 38	40 11 9 7 28 39 45 34 34	35 9 5 33 38 48 34 48 23	31 19 55 26 34 47 346 18	29 23 5 35 35 28 47 15	30 28 58 28 22 23 41 4	31 28 8 5 21 26 12 17 40	34 23 9 7 30 29 19 22 41 17	36 38 17 16 38 35 30 27 45 23	37 46 23 22 48 40 40 49 25	44 45 28 25 54 55 46 55 34	48 46 37 66 57 55 96 59 40	51 48 36 28 64 61 56 93 63	53 49 35 30 60 66 60 97 65	56 50 31 60 74 56 86 68	61 47 29 32 58 77 54 82 63 88	57 48 31 36 57 73 49 67 65 76	47 57 33 36 57 74 52 56 76	41 71 33 48 56 71 50 53 74	38 51 28 47 46 53 42 43 47	33 35 23 40 37 34 33 35 40 38	23 25 18 35 36 27 31 54 34	22 21 13 31 35 42 29 58 30	16 11 27 36 39 32 57 37	40 36 20 23 48 41 52 41
11 12 13 14 15 16 17 18 19	35 41 20 26 28 13 21 38 16	35 36 15 11 27 21 10 29 35	32 31 14 13 30 20 8 26 29	29 26 11 20 28 19 5 19 27 34	23 22 11 17 26 15 3 18 22 27	18 19 11 19 24 11 2 13 18	19 19 16 21 21 6 8 9	28 25 28 28 21 13 16 29 27	40 31 35 36 28 34 15 24 41	55 34 37 46 40 50 33 41 50 48	64 38 58 58 57 54 60 48	64 41 62 61 68 53 63 64	69 42 59 72 55 59 75 72 47	67 43 38 58 76 52 70 69 45	66 43 36 63 78 61 57 67 72 41	67 43 39 76 87 78 59 68 69	63 41 35 57 95 84 63 76 93	59 35 51 83 65 65 34	63 35 29 41 63 56 65 57 54	63 30 21 28 67 31 58 50 41 28	59 26 18 45 61 25 48 44 325	38 24 19 71 42 24 41 31 24 23	34 17 20 62 44 22 38 28 13 21	37 22 34 32 18 30 43 17 21	47 32 25 42 539 35 42 43 32
21 223 245 226 227 228 230	19 14 6 13 22 84 69 64 53	14 13 8 15 15 92 61 52 58 82	14 10 4 99 20 85 34 64 79	14 12 7 10 29 76 53 57 71	13 10 6 11 18 58 53 64 50	12 8 4 10 13 37 50 71 43 64	13 7 4 13 13 24 49 71 48 62	14 14 7 26 15 **** 47 71 57	17 23 27 37 23 46 69 71 64	20 28 36 46 51 52 46 69	18 32 43 68 72 41 69	18 37 50 60 75 80 53 70 81 85	19 44 52 64 87 61 67 75	22 43 51 68 88 90 72 676 81	25 40 43 70 98 85 72 56 81	25 41 38 71 110 87 92 53 91 85	24 38 39 65 103 83 108 51 97	24 37 42 54 113 76 121 53 100 70	23 31 35 34 110 72 108 53 102 66	19 19 19 19 19 19 19 19 19 19 19 19 19 1	18 35 13 35 63 70 81 85 66	18 29 14 29 78 53 75 78 62	18 22 12 42 65 55 70 25 73	15 11 14 37 73 63 69 64 71	18 25 24 37 69 68 58 73
31	66	58	54	0 0 0	36	37	29		0.000	41	49	63	77	97	94	87	82	80	70	52	61	75	55	56	63
MEAN	35	32	31	29	27	24	22	27	35	42	51	57	61	61	63	64	63	62	57	47	41	38	36	37	43

POLLUTANT - OZONE-CHEMILUMINESCENCE UNITS - PARTS PER BILLION STATION - SIMCOE HORTICULTURAL STATION NO 16001 MONTH SEP HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN 46 59 39 68 37 77 79 49 72 23 75 81 89 83 36 32 73 74 75 77 33 30 37 28 49 72 69 54 70 22 53 28 56 72 75 37 66 26 26 29 73 77 79 43 64 23 72 54 56 44 21 10 24 50 27 19 23 13 8 53 44 57 35 49 \*\* 60 57 40 29 32 56 64 76 82 45 35 39 34 72 46 60 37 17 10 25 56 42 70 35 53 36 34 12 49 14 29 24 21 49 39 28 35 68 76 73 49 33 35 28 33 63 80 83 52 34 36 32 41 62 84 83 40 33 42 36 48 62 92 80 40 32 43 37 65 91 81 44 32 41 36 44 78 88 81 41 32 38 34 43 63 60 61 35 25 28 43 9 21 19 12 14 73 21 11 21 77 17 14 12 15 19 22 4 15 20 10 18 15 15 9 31 12 13 14 15 16 17 18 19 20 25 16 21 22 18 18 28 29 18 23 34 14 23 29 29 32 48 48 60 18 25 37 32 51 56 57 20 26 35 53 32 33 45 60 55 21 25 32 29 41 64 66 22 32 52 27 28 41 62 73 25 32 53 72 20 14 25 44 20 19 26 44 40 16 8 22 37 14 25 31 30 14 8 19 31 24 32 46 15 24 31 25 18 25 47 12 21 36 49 29 53 14 22 36 4 4 14 38 8 . 16 8 18 4 21 20 6 15 36 62 32 27 51 24 16 33 10 22 7 17 12 31 2 37 3 19 22 23 24 25 26 27 28 29 30 3 • • • • 11 13 27 23 17 29 37 38 20 21 26 4 9 0 9 23 28 20 9 11 59 33 64 56 33 43 43 46 29 58 58 52 40 41 41 22 48 59 57 23 34 24 19 24 36 42 51 6 24 29 22 17 31 39 42 24 6 13 24 37 32 25 3 9 23 31 27 11 20 23 14 17 3 19 22 4 14 24 14 29 34 16 23 40 36 19 35 57 34 33 28 48 57 32 34 41 57 33 34 66 61 59 42 44 53 53 53 53 63 63 64 64 64 30 10 17 27 22 18 19 33 35 25 30 42 48 25 29 37 34 36 55 10 19 27 12 18 22 16 9 23 26 25 12 18 17 24 34 23 16 18 15 11 16 14 14 4 16 23 19 6 23 20 36 23 23 36 28 MEAN 

PERCENTAGE OF DATA VALID - 89

						ONTA	RIO	MINIS	TRY	OF 1	LHE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	Н						
	POLL	UTANT	- OZ	ONE - C	HEMIL	UMINE	SCENC	E					UN:	ITS -	PART	S PER	BILL	ION							
	STAT	ION -	SIMC	OE HO	RTICU	LTURA	L STA	TION	NO	1600	) 1		MON	NTH O	CT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	12 29 31 23 26 12 15 15	10 27 32 20 28 16 11 19 12 22	11 26 27 15 26 12 19 10	15 236 12 251 29 187 9	15 22 28 27 23 10 17 45	17 23 19 *** 31 15 9 15 0 3	17 21 11 29 18 8 14	18 19 10 * * * * * 27 16 8 13 5	22 20 14 20 29 20 8 10	28 20 28 35 28 11 17 15 25	39 20 51 48 36 18 21 225	42 17 559 26 42 23 33	44 13 56 58 29 44 27 28	44 15 56 54 30 47 32 32 53	46 203 42 29 46 37 55 55	47 29 57 27 26 44 27 25 53 47	44 20 58 42 24 34 26 23 45	45 133 500 400 22 200 26 24 46 26	44 7 43 28 18 34 23 19 44 45	38 20 49 31 25 22 13 43 41	32 19 35 29 22 18 22 15 41 37	38 19 43 26 14 20 20 14 27 33	36 14 41 25 4 16 12 15 33 25	33 28 34 22 8 11 10 15 43 20	31 20 38 32 24 26 17 19 28 26
11 12 13 14 15 16 17 18 19	15 16 41 38 26 26 19 10 14	10 12 37 36 25 24 19 13 14 23	6 14 34 35 24 24 19 14 11	6 14 31 35 21 24 18 11 6	68 29 35 16 30 16 54 11	8 12 29 36 12 30 11 10 9	10 6 29 36 9 31 11 19 8	11 8 32 36 8 30 16 13 2	14 16 37 13 28 17 15 28	22 19 37 39 23 18 14	28 22 42 40 32 17 26 24	39 25 44 35 19 185 24	40 49 44 40 20 24 27 24	46 39 58 43 40 19 21 27 29 23	46 55 43 38 20 21 26 29	45 65 39 40 32 18 23 23 31 24	42 66 38 41 32 17 22 28 23	36 50 35 37 29 15 18 20 27 23	35 47 36 40 27 14 18 19 14 22	24 45 34 42 18 20 15 61	15 46 30 41 9 19 11 15 8	20 53 29 36 11 18 3 16 16 25	19 47 31 37 27 18 9 11 19 24	19 44 40 31 28 18 12 6 19 24	23 32 37 38 24 22 17 16 17 22
21 22 23 24 25 26 27 28 29	20 13 6 17 58 24 7 19 5	16 16 13 8 54 19 7 21 53	13 15 25 9 41 15 7 17 4	16 12 18 13 31 11 6 19 5	16 13 9 31 12 6 22 8 23	15 5 24 7 34 12 6 21 10 23	1 6 8 2 8 7 2 9 4 6 1 8 1 1 2 3	19 7 24 8 27 4 6 19 11 23	23 12 17 10 29 8 7 18 11 23	25 23 20 19 31 10 10 18 11 23	27 29 23 24 34 15 12 17 13	30 35 40 30 38 17 13 17 16	31 37 56 42 41 **** 14 17	30 35 54 56 46 21 11 15 19 22	29 32 55 **** 43 26 15 13 19 21	25 25 56 65 37 26 18 12 22	21 14 50 55 33 24 16 8 26	15 31 23 33 21 19 7 24	7 29 15 35 15 18 7 24	23 23 22 37 14 17 7 23	11 40 41 36 11 19 8 23 6	17 6 19 43 30 9 21 9 22 2	12 11 23 45 30 9 21 8 23	17 16 22 52 31 9 19 6 22	20 18 30 27 36 15 13 14 16
31	2	5	3	3	5	9	6	2	4	9	13	1.1	11	12	11	15	16	22	15	14	18	19	15	9	10
MEAN	20	19	17	16	15	16	15	15	17	22	26	30	34	35	34	34	31	27	25	24	23	22	22	22	23

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

	POL	UTANT	- 02	ONE - C	HEMIL	UMINE	SCEN	Œ					U	NITS -	PART	rs Per	BILI	ION							
	STAT	TION -	SIMO	OE HO	RTIC	JLTURA	L STA	TION	NO	1600	1		M	N HTMC	40V	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
DAY 1 2 3 4 5 6 7 8 9	15 15 10 27 23 38 34 9 24	18 13 13 27 23 36 37 6 30 28	22 7 15 26 24 34 38 5 30 24	26 14 26 24 34 36 11 27 21	16 10 13 24 21 34 33 17 27	15 6 13 23 18 35 27 15 28 21	19 5 14 24 14 36 27 14 28	24 17 25 15 38 28 11 26 25	23 25 16 40 30 11 25 30	24 5 23 25 21 40 31 14 32	23 15 24 29 28 41 35 17 34	23 11 26 32 30 41 36 18 33	16 30 32 31 42 41 16	18 31 35 36 42 39 29 32	20 34 35 36 41 36 33 31 30	31 35 35 36 40 29 31 30 30	28 19 36 35 36 39 19 29 28	23 17 34 32 35 39 8 24 25	22 15 31 29 36 38 8 22 26	20 15 27 28 35 37 **** 22 28 24	16 19 21 21 35 36 ***** 20 28 24	13 20 24 22 34 35 7 22 28 24	15 15 26 12 35 35 11 23 28 24	18 12 27 20 39 34 11 23 30 25	21 13 23 27 28 38 27 18 29 27
11 12 13 14 15 16 17 18	31	29	27	26	23	****	17	18	16	17	20	27	30 DATA DATA DATA DATA	MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI MISSI 25	29 ING - ING - ING - ING - ING -	29	17 27	19	25	25	24	29			24
21 22 23 24 25 26 27 28 29	1 29 14 5 0 34 25	1 22 23 4 0 34 23	1 19 26 3 0 34 23	2 17 26 2 0 32 22	2 16 26 1 0 32 21	3 18 24 1 0 32 20	7 21 23 1 1 1 31	11 23 22 1 1 29	13 23 19 1 1 27 17	11 23 19 1 1 26 18	10 20 17 22 26 20	14 8 16 16 2 3 26	DATA 15 8 21 14 2 1 28	MISSI MISSI 7 24 13 3 1 27	ING - ING - 25 5 24 13 3 11 27	21 6 27 13 1 8 29	12 3 25 13 0 7 29 28	16 9 18 10 0 9 28 28	13 12 10 12 0 14 28 27	13 13 10 16 1 24 22 26	11 18 12 15 0 26 18 25	9 22 14 11 0 30 22 24	2 28 11 5 0 32 26 25	1 28 10 3 0 32 24 28	10 19 16 1 9 28 23
MEAN	20	20	20	20	19	18	18	19	20	20	23	22	22	24	25	25	23	21	21	21	21	21	20	21	21

PERCENTAGE OF DATA VALID - 60

						ONTA	RIO	MINIS	STRY	OF 1	THE E	NVIR	NMENT	r - A1	R MA	NAGEN	IENT	BRANC	Н						
	POLL	UTANT	- OZ	ONE - C	HEMI	UMINE	SCEN	Œ					UN	NITS -	PART	S PEF	BILL	ION							
	STAT	ION -	SIMO	OE HO	RTIC	JLTUR#	L STA	ATION	N	1600	1		MC	ONTH [	DEC	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3	24 10 6 25	24 13 16 23	26 16 21 21	28 14 18 21	28 15 29 17	26 42	26 **** 42 11	23 32 11	22 34 9	28 37 10	28 41	28 42 7	29 48 7	29 48 9	28 23 47	26 20 45	11 44	16 7 43	16 7 39	16 12 35	17 13 34	17 2 29	15 2 28	28	. 23 . 35
5 6 7 8 9	20 27 24	7 23 28 25	14 23 28 25	16 22 28 23	12 25 32 24	8 22 31	9 21 34 23	11 20 34 22	13 19 34 25	19 19 34 27	22 21 32 30	21 22 	22 24 34 19 DATA	19 22 35 24 MISSI MISSI	14 19 35 22 ING -	15 17 33 18	11 16 28 6	14 25	13 6	12 11	13 11 14	15 9 13	20 8 11	17	14 18 26
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11 12 13	21 1 7	20 1 7 26	17 1 9 26	15 1 13 28	1 17 30	15 1 20 32	14 2 21 32 40	15 2 23 32	5 24 31	9 24 30	10 23 28	13 3 24	12 25 25	13 2 25 24 42	13 0 24 23	8 1 23 25	9 0 21 31	5 0 19 34	1 0 17 36	3 0 18 34	6 0 21 31	3 0 19 32	2	2 6 22 36	10 2 19 30
15 16 17 18 19 20	25 38 35 43 16	38 40 46 23	37 39 46 26	38 38 46 19	39 39 47 13	40 42 47 3	40 42 46 2	40 38 46 3	41 37 43 6	40 38 40	40 39 20 8	40 43 40 26	25 42 45 39 30	42 46 34 36	41 45 30 37 2	37 45 27 30 2	28 44 30	24 45 30 30 6	34 47 31 32 9	40 46 27 29 8	38 46 23 22 7	37 45 22 17	19 34 34 45 12 15	34 44 17 12 13	19 30 38 42 36 21
21 22 23 24 25	16 31 29 24 16	18 28 24 18 13	22 25 19 19 11 26	26 14 16 22 10 26	29 16 14 24 10 23	27 4 13 12 12 22	28 9 12 2 19	29 23 12 4 20	29 31 13 15 19	30 31 14 29 20	32 30 15 32 18 22	35 29 18 36 17 29	37 30 21 37 19 30	37 33 22 39 22 31	35 35 24 42 27 30	35 36 29 41 27 28	35 32 31 36 28 26	35 26 29 32 28 25	35 25 26 28 28 25	35 21 27 24 28 26	32 25 27 21 25 26	31 26 29 18 24 25	34 24 30 15 25 27	35 26 27 16 25 27	31 25 22 24 20 24
26 27 28 29 30	25 27 9 24	25 6 23	9 21	12	12	10	34 11 26	34 11 26	35 13 25	36 13 21	36 14 24	9 35 13 26	9 34 13 31	6 33 13 32	. 34	29 3 33	30 6 32	9 22	16 13 24	17 18 24	16 32 21	11 31 19	7 30 19	8 25 17	26 14 24
31	18	18	17	17	19	19	15	11	6	12	16	16	12	15	16	19	15	5	0	0	1	0	0	0	11
MEAN	21	21	21	21	21	20	21	21	22	24	25	24	25	26	26	25	23	22	21	21	21	19	19	20	22

MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - SIMCOE HORTICULTURAL STATION NO 16001

POLLUTANT - OZONE-CHEMILUMINESCENCE UNITS - PARTS PER BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC.	24-HOUR MAXIMUM	MAXIMUM READING
JAN	26	6	1.2	13
FEB	28	7	11	17
MAR	21	7	12	17
APR		DATA M	ISSING	
MAY		DATA M	ISSING	
JUN	4	31	37	62
JUL	25	18	48	101
AUG	31	43	73	121
SEP	30	34	68	97
OCT	3.1	23	38	66
NOV	2.1	21	38	42
DEC	29	22	42	48
YEAR	246	21	73	121

### MONTHLY GROUP FREQUENCY CLASSIFICATION FOR 73 POLLUTANT - OZONE - CHEMILUMINESCENCE UNIT - PARTS PER BILLION STATION - SIMCOE HORTICULTURAL STATION NO 16001 81T0150 151&OVER TOTAL JAN FEB - 36 MAR APR DATA MISSING MAY DATA MISSING JUN 1.0 JUL 3.5 AUG 9.5 SEP OCT NOV 7.8 8.5 DEC YEAR FREQUENCY DISTRIBUTION BY PERCENTILES PERCENT OF DATA FREQUENCY DISTRIBUTION, PERCENT 50 70 90 95 F DATA ARTTH MIN 10 30 MAX 1 9 7 6 14.2 26 9 47.9 62.4 75.1 83.6 21.3

ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH

UNITS - PARTS PER BILLION POLLUTANT - OZONE-CHEMILUMINESCENCE STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 MONTH JUN 24 MEAN HOUR DAY DATA DATA DATA DATA DATA \$56 46 47 MISSING MISSING MISSING MISSING MISSING 38 54 46 54 2 3 4 5 6 7 8 9 10 42 52 44 56 40 43 61 14 62 16 29 29 64 41 86 21 66 31 48 20 58 21 45 41 60 41 89 28 59 12 50 56 8 36 41 39 38 39 52 27 45 50 40 14 49 23 24 52 22 24 51 17 37 47 19 40 45 17 29 34 8 17 32 12 30 18 35 25 25 12 7 11 15 22 36 47 16 7 20 27 23 38 29 25 24 18 17 28 26 38 26 23 21 22 13 25 38 42 12 6 5 16 13 21 31 9 8 5 12 14 21 23 42 12 13 14 15 16 17 18 19 20 44 37 36 23 17 27 38 43 28 26 36 34 24 12 36 16 34 38 37 36 27 26 37 20 39 27 34 36 28 43 37 26 43 38 30 27 25 32 30 35 37 36 29 26 25 19 27 37 35 27 27 22 13 29 40 42 19 20 13 17 16 22 35 41 34 21 11 15 20 35 35 38 40 32 30 9 13 22 20 37 26 21 22 8 7 25 24 13 14 7 7 26 9 24 23 14 18 10 8 27 9 34 20 27 17 8 29 10 17 31 31 21 8 32 8 25 27 31 33 22 8 35 10 30 37 34 28 19 16 23 37 43 27 51 34 32 7 15 37 44 20 31 32 26 44 34 33 55 46 74 64 64 52 64 47 86 42 52 40 44 94 34 23 44 79 32 36 58 73 61 19 48 69 22 23 24 25 26 27 28 29 30 86 53 34 28 55 37 43 86 63 86 49 60 77 49 50 65 49 59 62 51 39 48 76 545 454 454 457 4 42 34 35 50 83 44 24 35 76 34 29 37 29 31 31 41 75 62 42 37 26 51 29 31 35 78 . . 5 . . 5 85 41 60 49 51 52 34 32 29 47 43 35 41 59 19 3 15 13 18 18 32 14 29 23 25 29 28 31 53 8 15 8 45 55 62 9 35 8 48 55 43 59 42 9 24 9 34 48 61 57 38 24 24 25 42 44 40 20 31 0 23 21 34 33 7 28 0 15 15 29 21 55 44 70 26 43 57 45 33 77 25 37 56 52 23 26 51 27 27 17 41 69 40 45 43 50 

PERCENTAGE OF DATA VALID -

MEAN

						ONTA	RIO	MINIS	TRY	OF T	HE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	н						
	POLL	UTANT	- OZ	ONE - CH	HEMIL	UMINE	SCENC	E					UN	ITS -	PART	S PER	BILL	ION							
	STAT	ION -	67 C	OLLEGE	ST	TORON	TO OA	MST	NO	3100	11		MO	NTH J	UL	73									
HOUR	Ť	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1.7	18	19	20	21	22	23	24 M	MEAN
DAY 1 2 3 4 5 6 7 8 9	79 55 86 26 34 42 34 107 91	77 44 98 29 52 37 52 103 98 58	78 32 102 30 68 40 87 119 92 51	76 32 94 29 73 40 89 112 87	60 17 69 16 63 21 71 104 74 55	46 3 32 12 43 21 59 102 58 34	36 10 10 16 34 28 60 95 41	41 27 31 39 43 29 75 94 42	59 52 58 54 40 85 102 10	65 59 61 61 57 95 111 59	85 70 77 63 70 118 126 62 30	91 75 101 65 79 135 129 68	88 111 112 118 64 96 140 130 72	87 120 153 131 64 99 121 130 77 89	86 129 158 129 57 93 118 125 69	89 140 164 95 48 86 119 120 66 93	84 131 152 60 47 95 125 116 63 67	88 126 161 68 56 117 138 111 64 59	92 100 109 56 55 103 123 103 54	76 83 76 34 53 98 110 68 31 56	57 74 50 13 32 78 97 99 21 58	62 63 42 16 12 62 84 88 29 63	46 57 39 11 8 57 86 70 18	48 85 39 14 139 85 725 53	71 87 51 48 64 96 106 59
11 12 13 14 15 16 17 18 19 20	64 38 63 89 35 46 26 73	69 45 72 66 42 41 33 49	69 51 74 63 40 51 39 36 84	62 60 69 73 36 55 45	48 54 60 58 20 49 19 15 19	37 40 54 44 11 46 19 18 19	34 23 36 35 26 15 37	42 37 30 43 55 18 16 32 55	56 58 35 57 62 13 46 84 44 97	57 61 61 64 65 59 82 73	54 66 69 61 72 63 66 90 107	56 63 83 62 78 57 72 94 109	56 59 78 63 97 56 79 93 124	53 55 91 68 99 56 79 93	58 49 97 64 84 55 76 86 146	58 53 106 62 76 45 70 81 135	56 58 122 64 72 47 63 78 113	55 60 131 62 62 44 64 99 147	50 47 124 52 55 38 44 86 133 74	44 40 94 35 45 14 41 82 116 60	28 39 105 16 28 6 16 83 80 59	14 29 101 8 35 6 13 72 70 56	15 13 108 8 22 10 13 62 31 49	11 32 107 25 31 5 12 61 61 56	48 47 82 52 52 38 43 71 81
21 22 23 24 25 26 27 28 29 30	68 33 21 20 71 55 74 71 49	744 341 372 575 7741 15	8364 529 757 641 13	88 45 66 48 77 69 72 58 48	79 33 49 39 68 57 56 52 34	75 38 30 32 56 52 40 31 16	61 34 14 26 31 25 23 46 11	55 27 34 53 28 20 44 24	58 61 63 70 67 43 59 32	64 71 74 81 70 44 53 69 44	70 72 77 96 66 52 56 78 53	69 76 76 110 74 94 61 59 60 88	68 78 86 120 94 63 45 71	61 78 90 119 93 82 76 61 70 88	59 74 93 128 86 88 84 59 76	61 71 83 99 84 86 75 71 82	56 68 72 76 79 71 63 75 73	47 66 77 75 84 70 76 59 61	53 61 70 63 84 69 74 41 58	44 43 66 66 77 73 45 43 27 83	17 11 57 68 54 70 69 33 10	5 62 65 23 71 65 20 29	5 41 63 21 64 64 13	25 5 29 63 49 65 71 34 10	56 47 60 69 66 62 61 52 41 53
31	69	58	55	61	46	7	2	16	52	42	55	55	43	49	79	74	76	90	88	60	80	82	44	24	54
MEAN	55	57	60	62	48	36	30	37	54	64	73	80	86	89	90	86	81	84	74	61	51	45	38	43	62

UNITS - PARTS PER BILLION

STATION - 67 COLLEGE ST TORONTO OAMST NO 31001 MONTH AUG MEAN HOUR DAY 1 2 3 4 5 6 7 8 9 120 73 45 121 133 4 9 4 134 62 48 122 132 8 14 5 77 65 73 88 81 26 35 53 22 16 90 64 61 57 31 25 12 6 82 39 51 34 24 104 65 78 129 114 \*\*\* 119 99 65 110 74 44 132 127 \*\*\* 130 85 98 105 74 39 133 124 96 126 74 94 86 71 39 130 125 92 117 60 69 76 67 36 110 128 89 94 51 12997 841 58 54 44 33 70 96 67 80 65 48 44 15 17 17 47 85 33 90 41 17 54 25 19 98 55 68 74 56 26 61 31 24 100 64 69 75 48 22 25 44 43 77 63 37 30 22 66 42 60 75 93 61 71 64 29 72 61 76 111 104 101 94 84 55 128 49 56 130 132 129 126 108 88 20 52 22 18 68 56 48 85 10 8 21 13 83 17 29 15 7 5 14 29 35 87 41 39 \*\* 23 4 48 76 35 70 44 7 68 60 72 19 45 52 52 52 5 100 98 93 95 42 46 47 41 23 65 70 52 12 13 14 15 16 17 18 19 20 44 27 48 28 19 54 28 63 48 55 49 30 42 71 48 56 85 54 56 79 64 74 60 91 81 66 60 85 89 53 46 75 101 91 61 60 83 64 38 85 90 98 67 63 79 74 26 80 91 91 82 58 68 71 25 72 90 87 66 55 84 59 84 86 87 63 40 72 88 70 14 75 45 88 63 25 57 54 47 56 41 11 51 32 10 6 19 72 66 7 15 27 7 5 2 9 71 65 9 8 9 23 5 6 29 18 42 15 16 8 30 30 30 8 34 11 20 43 27 48 15 31 54 29 43 17 48 12 8 41 91 43 52 42 12 40 54 51 78 40 12 8 10 42 13 10 8 8 2 60 51 38 55 76 102 64 57 67 94 89 75 35 26 22 36 10 31 95 75 50 17 47 11 80 72 35 57 85 72 31 83 91 91 4 61 26 65 22 1 4 7 7 25 16 57 70 88 59 74 69 78 28 21 58 16 63 63 96 46 102 27 19 77 112 58 86 69 74 9 63 45 15 49 73 23 7 22 23 24 25 26 27 28 29 30 26 16 27 69 38 26 95 16 32 14 58 74 113 27 79 40 14 80 108 122 47 94 101 113 43 28 74 116 130 91 96 102 113 46 39 78 106 130 86 97 99 45 42 78 117 135 99 97 123 43 27 74 120 131 104 85 90 109 37 18 80 111 134 105 76 91 106 38 23 81 117 112 95 75 83 96 12 10 74 113 74 91 52 47 45 63 107 46 19 33 34 25 23 18 55 18 45 35 83 106 29 18 56 16 89 77 18 10 49 12 94 78 101 51 83 26 8 16 51 110 28 58 60 53 34 25 73 78 114 30 83 102 110 13 6 12 20 103 10 47 40 18 55 54 26 22 37 79 18 22 81 26 61 29 13 19 90 68 55 50 62 13 80 19 108 22 105 MEAN 

PERCENTAGE OF DATA VALID - 99

POLLUTANT - OZONE-CHEMILUMINESCENCE

						ONTAI	RIO	MINIS	TRY	OF TH	IE E	NVIRO	NMENT	- AI	R MA	NAGEM	ENT	BRANC	4						
	POLL	UTANT	- OZ	ONE - CH	HEMIL	UMINE	SCENC	E					UN	ITS -	PART	S PER	BILL	ION							
	STAT	ION -	67 C	OLLEGE	ST	TORON	TO OA	MST	NO	31001			MO	NTH S	EP	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	1.8	19	20	21	22	23	24 M	MEAN
1 2 3 4 5 6 7 8 9	26 25 12 49 95 72 15 10	40 20 22 46 42 77 15 31 13 22	55 19 35 28 50 74 1 41 13 34	66 22 61 18 76 65 12 42 19	47 16 72 8 68 43 9 31 20 20	47 22 52 57 67 8 8 20	50 32 15 4 15 4 2 10 6 0	50 23 30 5 12 9 4 10 9	79 48 49 13 25 15 15 20 7	87 74 49 48 31 21 22 32 15	82 94 75 76 63 39 29 27 36 23	101 107 82 94 92 36 27 36 40 26	110 123 91 112 96 37 26 38 40 36	115 116 116 116 103 27 31 41 43 39	102 115 90 113 85 29 31 43 44	104 110 85 107 71 26 33 38 38	97 97 90 89 56 31 34 36 32	95 97 104 94 51 25 33 27 31 30	84 89 78 95 64 23 18 17 26 21	65 48 47 90 31 15 3 15 13 22	62 7 39 59 37 12 1 11 21	46 3 35 40 53 11 12 7 25	20 1 40 55 33 13 1 7 46	26 1 44 79 44 13 3 4 3 59	69 55 59 61 57 31 16 25 27
11 12 13 14 15 16 17 18 19 20	64 34 7 25 12 22 13 18 11 38	64 41 9 32 13 26 16 27 13 43	78 38 11 23 14 25 17 33 13	84 36 12 21 15 24 23 39 13 39	62 26 8 21 15 20 19 35 90	39 11 1 12 11 16 8 26 7 30	20 3 2 12 10 15 6 18 7	15 5 2 10 12 17 7 13 9	38 9 4 14 33 22 16 16 17 21	40 22 16 19 41 22 27 23 25 30	37 24 27 28 39 27 29 35 36 31	37 20 31 27 45 28 36 40 42 36	38 16 36 33 50 31 40 54 36	39 10 30 31 46 30 24 37 71 38	36 21 33 36 56 24 23 36 77	33 17 23 40 49 18 22 36 30	31 19 17 35 46 17 18 33 48 29	28 24 15 35 35 16 25 19 51 23	21 14 15 23 27 12 27 11 48 16	15 4 10 8 17 14 34 7 43 9	15 4 9 6 16 9 38 6 44 9	1 6 1 5 6 1 6 7 3 0 5 4 0	19 13 6 17 12 63 7	23 2 16 7 14 7 9 6 28 7	37 17 15 21 27 19 21 24 33 26
21 22 23 24 25 67 28 99 0	12 35 15 13 24 16 53 26 12	14 29 13 16 29 19 62 26 13	14 27 13 21 32 20 57 38 13 23	14 33 13 13 13 13 13 13 13 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	11 31 12 17 30 20 26 26 13	10 30 12 10 16 11 13 15	9 23 15 9 10 8 9 9 8	9 14 18 8 15 8 11 9 8	10 16 14 9 22 11 14 12 18	16 18 15 11 24 15 20 17 17	29 16 17 14 31 23 25 30 24 25	30 15 23 20 34 26 43 29 31 29	30 33 39 26 37 35 45 36 36	31 57 32 34 48 39 69 27 36 33	34 52 25 29 61 45 75 28 30 34	32 67 32 31 59 36 74 21 30 33	29 64 28 29 53 29 61 54 29	28 51 17 30 53 39 36 12 16 24	23 21 11 29 44 44 14 11	20 11 11 22 35 35 15 8 7	24 10 11 16 17 36 21 10 8	28 21 9 17 12 19 23 8 8	30 27 9 21 10 16 19 8	37 14 9 21 8 36 23 8	22 30 17 20 31 25 35 19 17
MEAN	26	28	30	32	26	18	12	12	21	28	36	42	48	50	49	47	42	39	32	23	19	18	16	19	30

	POLL	JTANT	- 0	ZONE - C	HEMI	LUMINE	SCENC	Œ					UN	ITS -	PART	S PER	BILL	ION							
	STAT	ION -	67 (	COLLEG	E ST	TORON	NTO OA	MST	NO	3100	i.		MC	NTH C	OCT	73									
HOUR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24 1	MEAN
1 2 3 4 5 6 7 8 9	12 25 12 19 10 14 24 15	13 36 13 24 11 12 26 20	14 34 13 36 14 12 24	13 32 14 35 21 14 16 17	12 24 13 26 20 10 14 12	9 19 8 16 9 9	8 11 8 10 5 10 7 6	11 10 8  14 5 16 9	22 10 10 22 8 27 10 7	24 13 12 23 16 31 16 22	28 12 13 25 26 34 21 27	33 10 21 26 30 29 25 33	35 11 28 27 35 38 29 34	34 11 28 28 35 35 29 37	31 12 30 27 35 34 30 39	26 10 20 24 37 29 30 36	25 14 19 23 25 27 32 15	29 12 **** 28 15 22 22 23 8	29 11 28 6 16 17 24 6	15 10 35 5 17 16 16 13	13 10 28 4 17 16 18	27 9 35 5 19 12 17	27 8 24 5 17 6 12 4	27 9 20 4 10 11 10 4	22 15 19 19 20 20
10 11 12 13 14 15 16 17 18	32 12 21 29 23 16 9 13	34 12 26 26 26 17 21 21	31 12 39 23 26 22 24 19 22	30 11 45 30 23 30 23	10 23 7 37 23 10 23 15	9 13 5 28 18 7 14 5	5 5 21 11 6 6 3	4 5 19 11 6 4 3	6 5 7 20 17 7 4	9 10 23 27 4 10 9 5	36 14 10 25 29 5 11 14 15	38 19 20 32 29 17 13 16 20	47 23 26 36 30 25 11 16 21	47 25 31 42 31 25 10 13 18	50 28 31 44 31 23 10 10 19 5	46 20 24 51 34 21 8 8	40 19 14 37 30 17 8 5	24 10 11 21 26 13 6 4 11 9	18 14 5 15 16 9 3 4 10	26 15 13 15 5 4 4 4 8 10	26 14 24 15 3 3 2 8 11	25 18 31 10 6 3 2 6 15 18	28 17 24 16 9 4 4 1 7 10 18	25 16 18 30 14 9 5 2 8 6	18 15 28 21 13 10 9
20 21 22 23 24 25 26 27 28 29 30	14 23 7 8 7 14 17 14 16 18	19 25 11 11 12 17 25 18 26 24 22	21 23 11 11 13 17 24 18 26 26	22 11 11 13 15 23 19 28 25 26	17 17 7 5 5 8 13 14 29 24 27	11 3 2 0 4 7 8 20 20 24	13 12 3 2 0 3 5 8 16 15 18	14 11 22 03 29 16 13	1 4 1 8 2 2 0 3 1 9 1 3 1 2 8	19 21 22 1 4 39 133 139	21 19 6 4 1 10 4 8 14 14 9	21 22 10 9 2 15 8 13 14 8	19 25 15 11 4 13 13 8 13 15 8	21 32 19 11 21 16 14 8 12 15 8	31 12 16 24 13 13 8 12 16	21 29 11 15 18 11 16 12 15 8	22 24 9 14 7 5 9 5 13 9 8	17 20 6 14 14 4 8 5 15 12 8	16 19 5 15 18 4 7 5 15 15	16 21 6 19 13 5 7 5 14 14	17 20 6 11 26 5 6 4 17 17	18 21 4 4 22 7 6 4 17 13	14 20 22 10 6 7 17 15 8	18 9 2 0 12 12 6 10 17 16 9	18 20 7 8 11 9 10 9 17 16
31	10	19	21	18	16	12	11	10	10	8	7	7	7	9	9	8	8	7	8	9	9	8	9	9	10
MEAN	16	20	21	21	16	11	8	8	10	12	16	19	21	23	22	20	17	1.4	12	12	12	13	12	12	15

PERCENTAGE OF DATA VALID - 95

							RIO N		RY (	OF TH	IE EI	NVIRO		- AIR				BRANC	н						
				ONE - CH										ITS -			BILL	ION							
	STAT			OLLEGE			TO OAN			31001		100		ONTH NO		73			100	202		202			
HOUR DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	1.4	15	16	17	18	19	20	21	22	23	-	MEAN
1 2	9 10	14	17	20 15	19 15	14	12	9 6	9	10	12	13	12	12	11	9 5	10	9 8	8 8	9 8	9 8	8	9 8	10	11
3	13	17	17 25	1 B 2 7	20	17	14	11	13	13	16 18	1 7 1 7	16 17	16	17 15	16 15	15 13	12	9 12	9 12	13	14	14	12	14 16
5	13	22	25 24	24	25 25	19	14	11	13	15	18	16 15	17	16 17	14 15	11	12	8	8	10	10	9	11	12	15 14
7	10	17	19	19	19	12	7	7	7	9	13	12	11	11	11	13	12	6	6	6	6	6	3 7	4	10
9	10	16	17	19	20	12 11	9 10	7	8	10	10	15	16	18	18	15	10	ğ	8	10	12	12	1 1 8	10	13
10	-									10.133			11	9	7	6	6		5	5	5	- 11		5	9
11	6 7	10	14	13 15	16 15	12	1 1 7	9 7	1 1 7	13	13	13	8	6				0000				0000			
13 14												- 1	DATA	MISSIN	IG -										
1.5 1.6													DATA	MISSIN	IG -										
17													DATA	MISSIN MISSIN	IG -										
19														MISSIN MISSIN											
21 22														MISSIN											
23													DATA	MISSIN	IG -										
24 25													DATA	MISSIN MISSIN	IG -										
26 27													DATA	MISSIN MISSIN	IG -										
28 29												+	DATA	MISSIN MISSIN	IG -										
30														MISSIN											
MEAN	10	16	18	19	19	14	10	9	9	1.1	13	13	13	13	13	1.1	10	8	8	8	9	9	9	9	12

UNITS - PARTS PER BILLION

 MONTH DEC STATION - 67 COLLEGE ST TORONTO DAMST NO 31001 HOUR DAY 1 2 3 4 5 6 7 8 9 24 MEAN DATA MISSING 20 26 °° 31 24 37 35 19 18 16 14 4 5 4 4 12 13 14 15 16 17 18 19 20 7 3 27 9 11 30 0 7 9 15 32 3 11 5 2 6 1 3 6 20 24 20 62 2 14 10 13 1 1 4 12 0 1 19 23 15 3 13 41 40 25 35 36 10 27 31 16 36 38 3 25 35 34 28 38 30 22 9 4 3 14 32 38 0 13 24 32 19 0 20 18 4 1 0 36 8 13 2 37 12 23 4 3 2 16 0 3 2 20 3 22 23 24 25 26 27 28 29 30 14 14 13 9 6 11 8 25 5 6 7 14 8 2 2 1 3 3 1 10 23 8 7 2 5 3 2 0 3 23 6 31 4 5 3 2 0 3 22 6 40 23 8 2 5 16 2 11 10 44 29 10 16 38 3 3 15 38 29 12 11 8 31 15 17 2 36 1 10 32 4 5 4 2 13 4 35 33 9 32 3 11 5 30 7 12 6 2 1 4 6 3 5 16 17 13 36 9 25 22 34 18 13 13 28 3 22 0 34 18 7 13 28 8 24 6 0 32 21 4 12 21 12 18 22 24 5 11 2 22 17 29 17 8 8 2 21 13 29 30304330 8 11 10 19 13 17 7 14 25 9 16 17 22 37 10 9 21 20 41 9 7 4 1 18 5 44 11 2 21 7 2 34 26 23 6 39 5 34 40 3 33 

PERCENTAGE OF DATA VALID -

  MEAN

POLLUTANT - OZONE-CHEMILUMINESCENCE

# ONTARIO MINISTRY OF THE ENVIRONMENT - AIR MANAGEMENT BRANCH MONTHLY SUMMARY OF HOURLY AND 2-HOURLY DATA FOR 1973

STATION - 67 COLLEGE ST TORONTO DAMST NO 31001

POLLUTANT - OZONE-CHEMILUMINESCENCE UNITS - PARTS PER BILLION

MONTH	DAYS OF VALID DATA	AVERAGE CONC	24-HOUR MAXIMUM	MAXIMUM READING
JAN		DATA	MISSING	
FEB		DATA	MISSING	
MAR		DATA	MISSING	
APR		DATA	MISSING	
MAY		DATA	MISSING	
JUN	25	33	59	94
JUL	31	62	106	164
AUG	31	56	96	135
SEP	30	30	69	123
OCT	31	15	28	51
NOV	12	1 2	16	27
DEC	18	13	25	44
YEAR	178	35	106	164

		ONTARIO	MINISTRY	OF THE	ENVIRONMENT	- AIR MANA	GEMENT BE	RANCH		
MONTHLY GE	ROUP FREQUI	ENCY CLASSIFIC	CATION FOR	73						
POLLUTANT - OZONE-CHEMILUMINESCENCE					UNIT - PARTS PER BILLION					
STATION - 67 COLLEGE ST TORONTO DAMST NO 31001										
	00 TO 10	11 TO 20	21 TO 30	31 TO 50	51 TO 80	81TO150	151&OVER	TOTAL		
JAN		DATA MISSING								
FEB		DATA MISSING								
MAR		DATA MISSING								
APR		DATA MISSING								
MAY		DATA MISSING								
JUN	65	87	110	177	86	12	0	537		
JUL	27	50	37	137	311	169	5	736		
AUG	73	85	73	114	195	198	0	738		
SEP	121	185	142	172	57	41	0	718		
OCT	259	254	147	52	1	0	0	713		
NOV	124	142	12	0	0	0	0	278		
DEC	218	90	60	51	0	0	0	419		
YEAR	887	893	581	703	650	420	5	4139		
Tenii	007	033	301	, 55	555	120		1.00		
EDECHIENCY	DISTRIBUT	ION BY PERCENT	TTLES							
PERCENT CONCENTRATIONS										
	OF DATA	MIN	10 3	FREQUE 0 50		TION, PERCEN 90 95	T 98	99	MAX	ARITH MEAN
	80	0	5 8 13	4 24 8	43 3	81 2 96 0	114.8	126 3	164	35.2

LEGIZLATIVE LIBRARY OF ONTARIO

\*88105000584